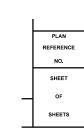
INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
		VOLUME 1
1	IN1	INDEX
2-6	VM1-VM5	VICINITY MAP
7-8	SQ1-SQ2	SUMMARY OF QUANTITIES
		VOLUME 2
9	IN2	INDEX
10	CT1	CERTIFICATION SHEET
11-19	RS1-RS9	ROADWAY SECTIONS
20	QTSP1	QUANTITY TABULATION - SITE PREPARATION
21-26	SPP1-SPP6	SITE PREP & TESC PLAN
27	ECP1	ENVIRONMENTAL COMPLIANCE PLAN
28-33	QTPS1-QTPS6	QUANTITY TABULATION - PAVING AND PAVEMENT MARKINGS
34-39	PVPM1-PVPM6	RAMP PAVING PLAN
40	QTCR1	QUANTITY TABULATION - CURB RAMPS
41-46	CR1-CR6	CURB RAMP PLAN
47-48	ITSN1-ITSN2	ITS NOTES
49	TITS1	TEMPORARY ITS PLAN
50-54	ITS1-ITS5	ITS PLAN
55-57	ITSD1-ITSD3	ITS DETAILS
58-59	SGN1-SGN2	SIGNAL NOTES
60-61	TSG1-TSG2	TEMPORARY SIGNAL PLAN
62-68	SG1-SG7	SIGNAL PLAN
69-72	SGD1-SGD4	SIGNAL DETAILS
73-74	SS1-SS2	SIGN SPECIFICATIONS
75-76	S1-S2	SIGNING PLAN
77-135	TC1-TC59	TRAFFIC CONTROL PLAN
136	PTC1	PEDESTRIAN TRAFFIC CONTROL
137-150	DU1-DU14	DETOUR PLAN
151-152	PED1-PED2	PEDESTRIAN DETOUR



NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

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PLOTTED BY	KaurR		'	UVVASH					NORTHWEST REGION RAMPS	1112	
DESIGNED BY	C. OSUNA			OB NUMBER				Washington State	HMA PAVING & ADA	SHEET	1
ENTERED BY	C. OSUNA		23	3A013				3		9	Т
CHECKED BY	S. WU		C	ONTRACT NO.	LOCATION NO.			Department of Transportation		OF_	
PROJ. ENGR.	K. NDILE					DATE	DATE	-	INDEX	152 SHEETS	
REGIONAL ADM.	B. NIELSEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS	

PROJECT LICENSED PROFESSIONAL CERTIFICATES

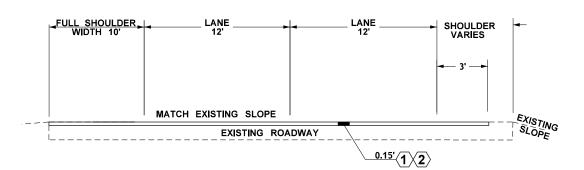
2 Mile	Cary Mos	- Duf ADo	
Kyengo Ndile	Greg Leege	DUKE H DO	
Jan 22, 2024	Jan 22, 2024	Jan 23, 2024	
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

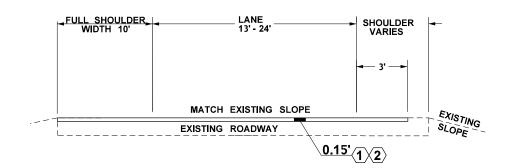
THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

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DATE	1/12/2024			10 W	eu					СТ
PLOTTED BY	KaurR			10 \\	311				NORTHWEST REGION RAMPS	"
DESIGNED BY	C. OSUNA			JOB NUMBE				Washington State	HMA PAVING & ADA	SHEE
ENTERED BY	C. OSUNA			23A01	3			9		1 10
CHECKED BY	S. WU			CONTRACT	D. LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE					DATE	DATE	-	CERTIFICATION SHEET	15 SHEI
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RV	i i	DE STAND BOY	DE STAMP BOY			I SHEE



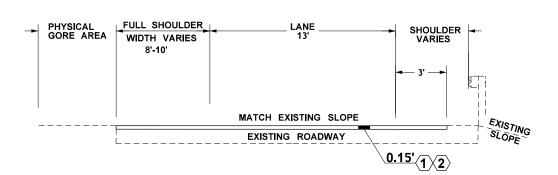
ROADWAY SECTION A

FA LINE STA 42+38 TO STA 44+75



ROADWAY SECTION B

FA LINE STA 44+75 TO STA 51+19



ROADWAY SECTION C FA LINE STA 51+19 TO STA 55+48

LEGEND

I-5 SB TO ORILLIA RD OFF RAMP

PLANING BITUMINOUS PAVEMENT

HMA CL. 1/2 IN. PG 58H-22

NOTE
1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

ROADWAY SECTIONS

SECTION	1	
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Plot 1 PLAN REF NO RS1

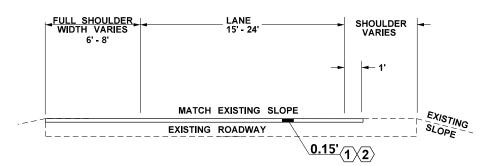
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PLOTTED BY	KaurR				10	WASH		1
DESIGNED BY	R. KAUR					UMBER		1
ENTERED BY	R. KAUR				23A	013		•
CHECKED BY	S. WU				CONTR	ACT NO.	LOCATION NO.	ı
PROJ. ENGR.	K. NDILE							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				





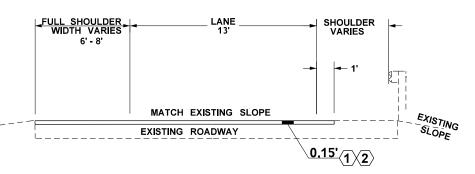
I-5 ET AL.
NORTHWEST REGION RAMPS
 HMA PAVING & ADA

11 152 SHEETS



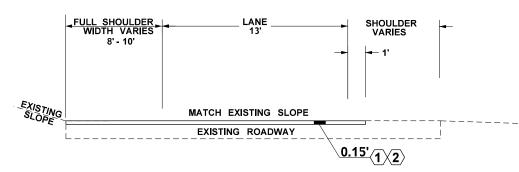
ROADWAY SECTION D

FB LINE STA 40+23 TO STA 48+17



ROADWAY SECTION E

FB LINE STA 48+17 TO STA 49+37



ROADWAY SECTION F

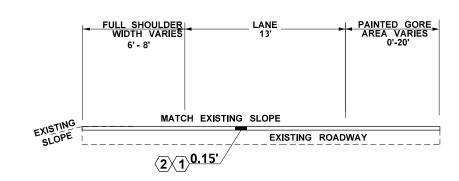
FB LINE STA 49+37 TO STA 51+00

LEGEND

PLANING BITUMINOUS PAVEMENT

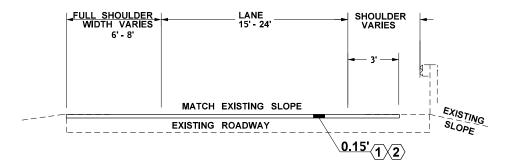
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I-5 SB TO 188TH ST OFF RAMP



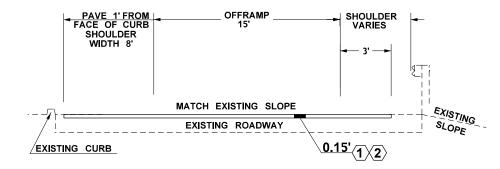
ROADWAY SECTION G

FB LINE STA 51+00 TO STA 53+24



ROADWAY SECTION H

FB LINE STA 53+24 TO STA 56+10



ROADWAY SECTION I

FB LINE STA 56+10 TO STA 57+50

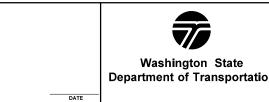
NOTE

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

SECTION 1

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DESIGNED BY	R. KAUR					UMBER		∣ 3.
ENTERED BY	R. KAUR				23A	.013		3
CHECKED BY	S. WU				CONTR	RACT NO.	LOCATION NO.	Τ.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				





	I-5 ET AL.
	NORTHWEST REGION RAMPS
on	HMA PAVING & ADA
,,,	

ROADWAY SECTIONS

RS2

SHEET

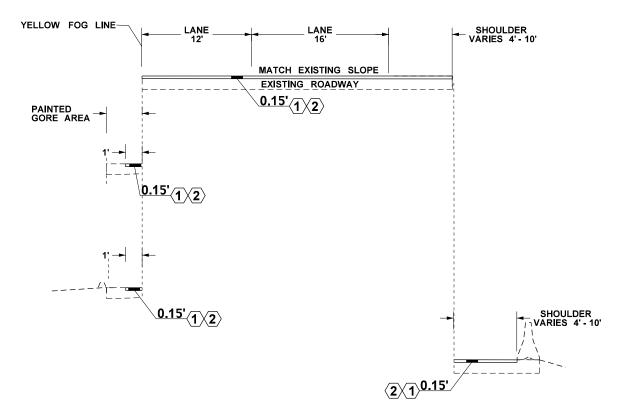
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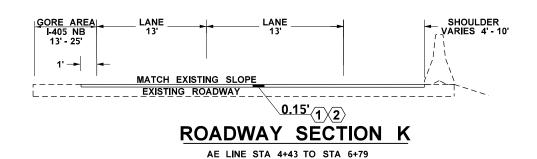
152

SHEETS

Plot 2



ROADWAY SECTION J AE LINE STA 0+59 TO STA 4+43

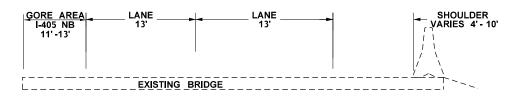


LEGEND

PLANING BITUMINOUS PAVEMENT

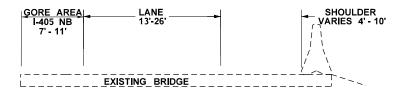
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SR 181 TO I-405 NB RAMP



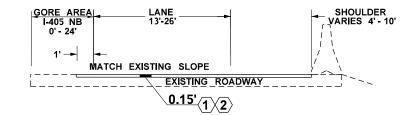
ROADWAY SECTION L

AE LINE STA 6+79 TO STA 7+52



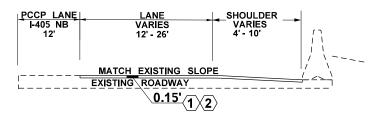
ROADWAY SECTION M

AE LINE STA 7+52 TO STA 8+53



ROADWAY SECTION N

AE LINE STA 8+53 TO STA 11+50



ROADWAY SECTION O

AE LINE STA 11+50 TO STA 16+77

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

SECTION 2

Plot 4 PLAN REF NO RS3

> 13 152 SHEETS

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DESIGNED BY	R. KAUR				JOB N			13.
ENTERED BY	R. KAUR				23A	013		1
CHECKED BY	S. WU				CONTR	ACT NO.	LOCATION NO.	٦
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				

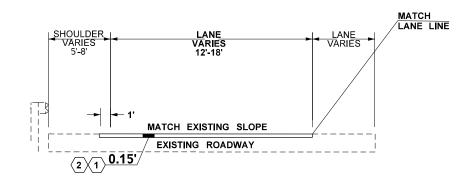




7
Washington State Department of Transportation

I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA

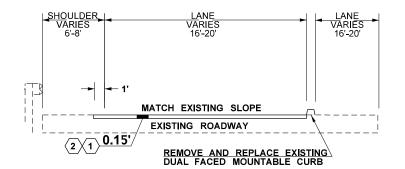
ROADWAY	SECTIONS
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SHOULDER PEDESTRIAN SHOULDER VARIES VARIES VARIES LANE VARIES __ __ LANE_VARIES LANE VARIES PAVE TO 1' FROM FACE OF CURB PAVE TO 1'FROM FACE OF CURB MATCH EXISTING SLOPE EXISTING ROADWAY (2\(1\)\(0.15'\) (2\(\frac{1}{2}\)\(\frac{0.15'}{2}\)

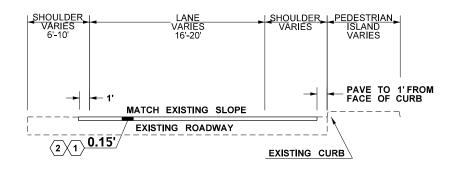
ROADWAY SECTION P

JW LINE STA 30+25 - 30+35



ROADWAY SECTION Q

JW LINE STA 30+35 to 31+13

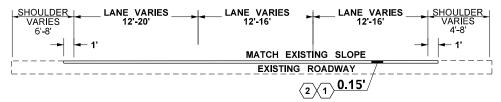


ROADWAY SECTION R

JW LINE STA 31+13 to 31+82

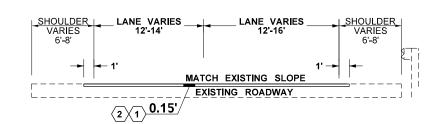
ROADWAY SECTION S

JW LINE STA STA 31+82 - 32+07



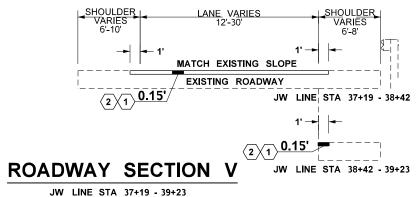
ROADWAY SECTION T

JW LINE STA STA 32+07 - 32+84



ROADWAY SECTION U

JW LINE STA 32+84 - 37+19



NOTES:

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS. 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

SECTION 3

Plot 1 PLAN REF NO RS4

_{SHEET}

152 SHEETS

I-5 SB TO BOEING ACCESS RD

(1) PLANING BITUMINOUS PAVEMENT 2 HMA CL.1/2 IN. PG 58H-22

LEGEND

REGIONAL ADM. B. NIELSEN

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DATE	1/17/2024					VASH	
PLOTTED BY	osunacr				ייין טי ן	идоп	
DESIGNED BY	C. OSUNA				JOB NUME		
ENTERED BY	C. OSUNA				23A01	13	
CHECKED BY	S. WU				CONTRACT	T NO.	LOCATION NO.
PROJ. ENGR.	K. NDILE				1		

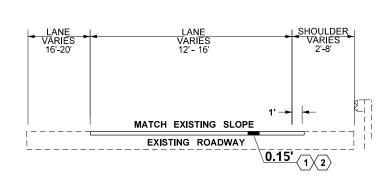
REVISION

DATE BY



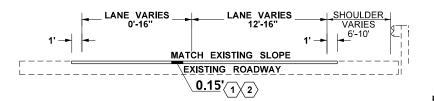
Washington State Department of Transportation	Washington State Department of Transportation

I-5 ET AL. NORTHWEST REGION RAMPS
HMA PAVING & ADA
ROADWAY SECTIONS



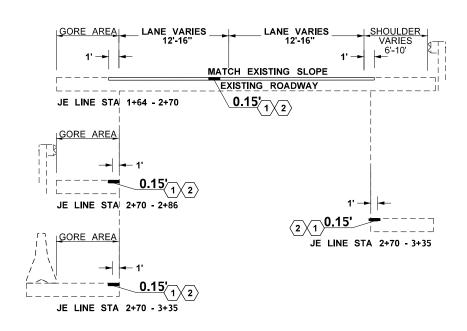
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JE LINE STA 0+00 - 0+64



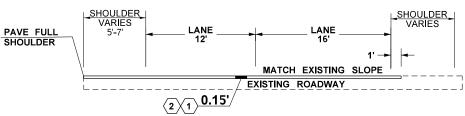
ROADWAY SECTION X

JE LINE STA 0+64 - 1+64



ROADWAY SECTION Y

JE LINE STA 1+64 - 3+35



ROADWAY SECTION Z

JE LINE STA 3+35-6+98

LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL.1/2 IN. PG 58H-22

BOEING ACCESS RD TO I-5 NB LOOP RAMP

NOTES:

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS. 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

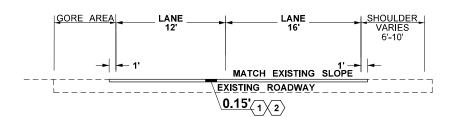
SECTION 3

Plot 2

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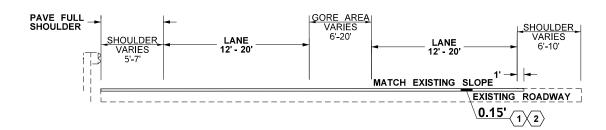
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DATE	1/17/2024			10	WASH					
PLOTTED BY	osunacr				WASH					NORTHWEST REGION RAMPS
DESIGNED BY	C. OSUNA				NUMBER		1/2/192		Washington State	HMA PAVING & ADA
ENTERED BY	C. OSUNA			23	A013		56578 FORSTERES		3	TIMA FAVING & ADA
CHECKED BY	S. WU			co	NTRACT NO.	LOCATION NO.	SONAL ENG		Department of Transportation	
PROJ. ENGR.	K. NDILE						SEE SHEET CT1 DATE	DATE		ROADWAY SECTIONS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	BV			DE STAND BOY	DE STAND BOY		



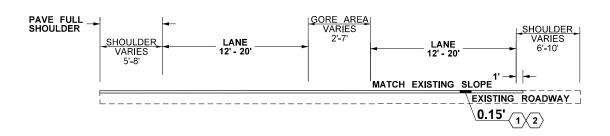
ROADWAY SECTION AA

JE LINE STA 6+98 - 8+47



ROADWAY SECTION AB

JE LINE STA 8+47 - 10+23



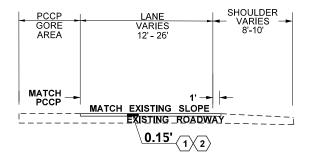
ROADWAY SECTION AC

JE LINE STA 10+23 - 12+61

MATCH PCCP MATCH EXISTING SLOPE EXISTING ROADWAY 0.15' 12 SHOULDER VARIES VARIES 8'-10' VARIES 8'-10' 0.15' 1 2

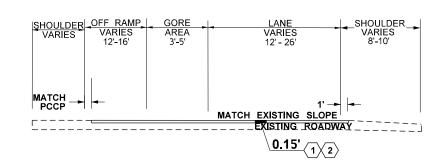
ROADWAY SECTION AD

JE LINE STA 12+61 - 13+37



ROADWAY SECTION AE

JE LINE STA 13+37 - 13+85



ROADWAY SECTION AF

JE LINE STA 13+85 - 14+71

LEGEND

1 PLANING BITUMINOUS PAVEMENT

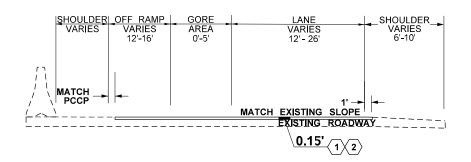
2 HMA CL.1/2 IN. PG 58H-22

BOEING ACCESS RD TO I-5 NB LOOP RAMP

NOTES:

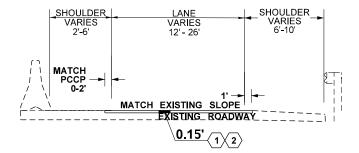
1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

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DESIGNED BY	C. OSUNA				JOB NUMBER		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	C. OSUNA				23A013		TO SESTERED ST		3		16
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.	SSIONAL ENG		Department of Transportation		OF
PROJ. ENGR.	K. NDILE				1		SEE SHEET CT1 DATE	DATE		ROADWAY SECTIONS	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

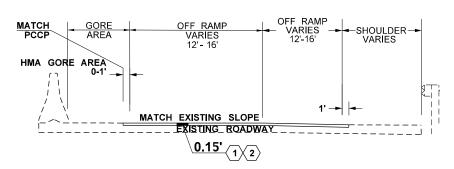


ROADWAY SECTION AG

JE LINE STA 14+71 - 15+58

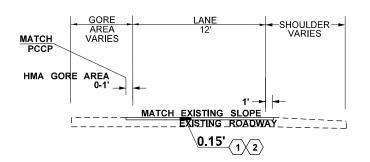


ROADWAY SECTION AH JE LINE STA 15+58 - 19+86



ROADWAY SECTION AI

JE LINE STA 19+86 - 20+19



ROADWAY SECTION AJ

JE LINE STA 20+19 - 21+95

LEGEND

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL.1/2 IN. PG 58H-22

BOEING ACCESS RD TO I-5 NB LOOP RAMP

NOTES:

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

SECTION 3

FILE NAME	T:\412415\XL6544 - NWR HMA	A 2023\Working_Folder\Cristobal\DGN\CADD\Sheets_File\	KL6544_PS_R	S_MIII	FIII.dgn			Т
TIME	6:20:24 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	1/17/2024					WASH		ز ا
PLOTTED BY	osunacr				10	WASH		11
DESIGNED BY	C. OSUNA				JOB N			14
ENTERED BY	C. OSUNA				23A	013		7
CHECKED BY	S. WU				CONTR	ACT NO.	LOCATION NO.	7
PROJ. ENGR.	K. NDILE							
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RV				





Washington State Department of Transportation	
Department of Transportation	-

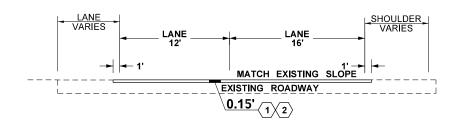
	I-5 ET	AL.	
NORTHWI	EST R	EGION	RAMPS
HMA	PAVIN	IG &	ADA

ROADWAY SECTIONS

17 0F 152 SHEETS

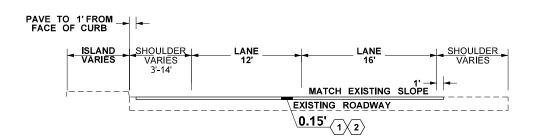
Plot 4

PLAN REF NO



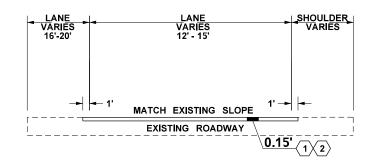
ROADWAY SECTION AK

JE LINE STA 4+02 - 4+26



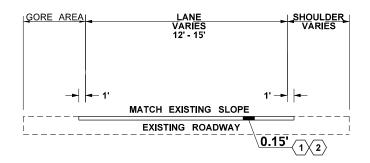
ROADWAY SECTION AL

JE LINE STA 4+26 - 4+90



ROADWAY SECTION AM

JE LINE STA 4+90 - 6+61



ROADWAY SECTION AN

JE LINE STA 6+61 - 8+47

LEGEND

1 PLANING BITUMINOUS PAVEMENT

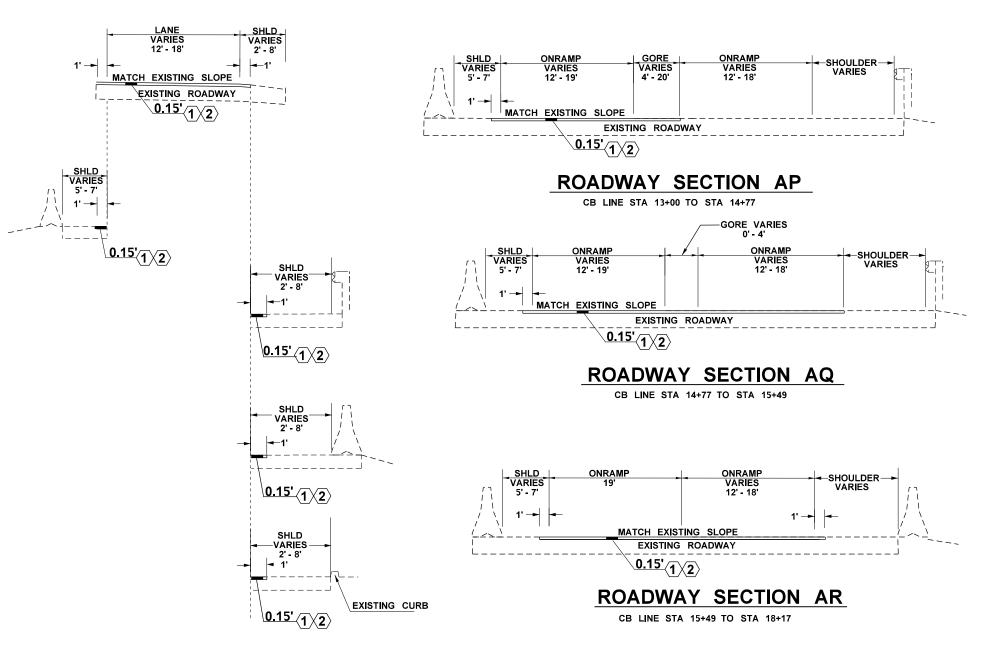
2 HMA CL.1/2 IN. PG 58H-22

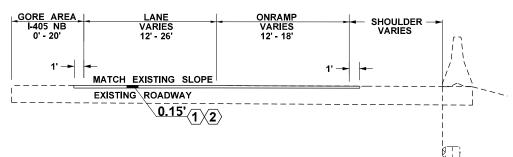
BOEING ACCESS RD M.L. KING WAY TO I-5 NB LOOP RAMP

NOTES:

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

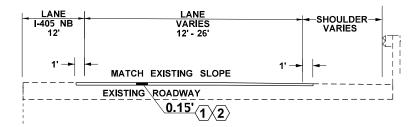
FILE NAME	T:\412415\XL6544 - NWR HM	A 2023\WorkIng_Folder\Cristobal\DGN\CADD\Sheets_File\	XL6544_PS_R	S_MIIIFIII.dgn		· · · · · · · · · · · · · · · · · · ·				Plot 5
TIME	6:20:26 AM			REGION STATE	FED.AID PROJ.NO.	O OF WASH			I-5 ET AL.	PLAN REF NO
DATE	1/17/2024			10 WASH						RS8
PLOTTED BY	osunacr			T 10 WASH					NORTHWEST REGION RAMPS	1,00
DESIGNED BY	C. OSUNA			JOB NUMBER		a le la		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	C. OSUNA			23A013		AFGISTERED ST		9	TIMA FAVING & ADA	18
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.	SONAL ED		Department of Transportation		OF
PROJ. ENGR.	K. NDILE					SEE SHEET CT1 DATE			ROADWAY SECTIONS	152 SHEETS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	BV		DE STAND BOY	DE STAMP BOY			OHEETS





ROADWAY SECTION AS

CB LINE STA 18+17 TO STA 23+85



ROADWAY SECTION AT

CB LINE STA 23+85 TO STA 32+78

ROADWAY SECTION AO

CB LINE STA 1+83 TO STA 13+00

LEGEND

PLANING BITUMINOUS PAVEMENT HMA CL. 1/2 IN. PG 58H-22

124th ST TO I-405 NB LOOP RAMP

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.

SECTION 4

Plot 3

PLAN REF NO

RS9

19

152 SHEETS

T:\412415\XL6544 - NWR HMA 2023\Working_Folder\Ruby\MIII_FIII_Proof\XL6544_PS_RS.dgn FILE NAME FED.AID PROJ.NO. TIME 1:04:56 PM REGION NO. DATE 1/12/2024 10 WASH PLOTTED BY KaurR JOB NUMBER DESIGNED BY R. KAUR 23A013 ENTERED BY R. KAUR CHECKED BY S. WU LOCATION NO. PROJ. ENGR. K. NDILE REGIONAL ADM. B. NIELSEN REVISION DATE BY

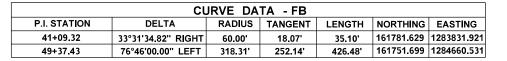


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Washington State Department of Transportation

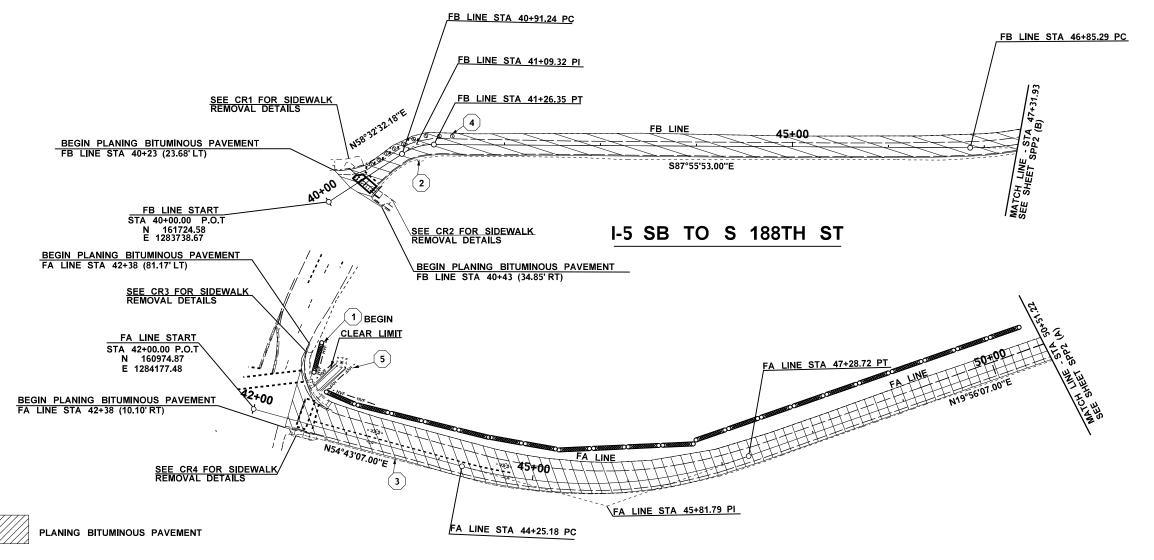
I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA

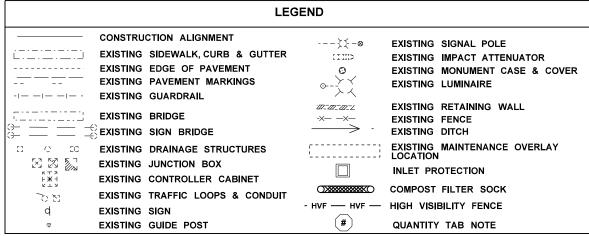
ROADWAY SECTIONS

			QUA	TITNA	ΓΥ ΤΑ	\BUL	ATIO	N - S	SITE	PRE	PARA	ATIO	N			
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	REMOVING TRAFFIC CURB	REMOVING GUIDE POST	REMOVING PLASTIC CROSSWALK LINE	REMOVING RAISED PAVEMENT MARKER		INLET PROTECTION	COMPOST SOCK	HIGH VISIBILITY FENCE							SEE GENERAL NOTES	GENERAL NOTES:
CODE LOCATION > \ UNIT OF MEASURE > -5 SPP1-1 FA 42+60(147.10 LT) to 50+48(25.44 LT) SPP1-2 FB 40+27(8.73 LT) to 52+99(8.73 LT) SPP1-3 FA 42+28(0.06 PT) to 57+30(3.67 LT)	L.F.	EACH	S.F.	HUND 2		EACH	800	L.F.							2	1. SEE STANDARD PLAN I-40 "STORM DRAIN INLET PROTECTION." 2. SEE STANDARD PLAN I-30 FOR "COMPOST
SPP1-3 FA 42+38(9.96 RT) to 57+30(2.67 LT) SPP1-4 FB 40+66(9.26LT) to 41+39(9.02LT) SPP1-5 FA 42+60(147.10 LT) to 45+00(27.00 LT) SPP2-1 FB 51+15(17.68 RT)		10		1		1		300							3	SOCK." 3.SEE STANDARD PLAN I-10.10 FOR "HIGH VISIBILITY FENCE."
SPP2-2 FB 55+90(15.92 LT) SPP2-3 FB 56+93(20.25 LT) SPP2-4 FB 57+50(21.68 LT) SPP2-5 FA 50+48(26.59 LT) to 53+65(23.67 LT)						1 1 1	450								1 1 1 2	4. SEE QTCR1 FOR ADDITIONAL REMOVAL QUANTITIES.
I-405 SPP3-1 AE 1+39(28.82 RT) SPP3-2 AE 4+39(39.84 RT) SPP3-3 AE 8+70(31.36 RT) SPP3-4 AE 11+15(25.63 RT) SPP3-5 AE 14+42(19.41 RT)						1 1 1 1									1 1 1 1	
SPP3-6 AE 16+70(16.68 RT) SPP3-7 AE 01+88 (7.10RT) to 05+44 (1.19RT) I-5 SPP4-1 JW 31+78(64.86 RT)				1		1									1	
SPP4-2 JW 31+48(119.34 RT) to 31+73(57.37 RT) SPP4-3 JW 30+35(7.78 RT) to 31+13(16.86 RT) SPP5-1 JE 07+22 (41.63 LT)	82		252			1									1	
SPP5-2 JE 14+87 (11.70 LT) SPP5-3 JE 19+82 (6.0 RT) SPP5-4 JE 20+00 to 21+80 I-405 SPP6-1 CB 8+42 (5.79 RT)				2		1 1									1	
SPP6-2 CB 11+80 (7.40 RT) SPP6-3 CB 16+50(25.42 RT) SPP6-4 CB 16+70(21.42 RT) SPP6-5 CB 17+14 (20.16 RT)						1 1 1 1									1 1 1	
SPP6-6 CB 17+70(18.94 RT) SPP6-7 CB 18+17(17.58 RT) SPP6-8 CB 13+41 (6.63 RT) to 14+94 (2.26 RT) SPP6-9 CB 14+94 (2.62 RT) to 15+49 (1.14 RT)				1 1		1 1									1	
SPP6-9 CB 14+94 (2.62 RT) to 15+49 (1.14 RT) SHEET TOTAL PROJECT TOTAL	82 82	10 10	252 252	8 8 REGION NO.	STATE	21 21 FED. AID	1250 1250 PROJ. NO.	300 300								I-5 QTSP 1
DESIGNED BY R. KAUR ENTERED BY C. OSUNA CHECKED BY S. WU PROJ. ENGR. K. NDILE				10 JOB N U 23A								Washington State Department of Transportation				NORTHWEST REGION RAMPS HMA PAVING & ADA SHEET 20 OF
REGION ADM. B. NIELSEN DATE DATE		REVISION	ВҮ	CONTRA	ACT NO.										QUAN	TITY TABULATION - SITE PREPARATION 152 SHEETS



CURVE DATA - FA												
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING						
45+81.79	34°47'00.00" LEFT	500.003'	156.61'	303.54'	161195.393	1284489.149						
53+24.15	10°21'00.00" LEFT	1000.007'	90.57'	180.64'	161902.371	1284745.563						





I-5 SB TO ORILLIA RD

NOTES:

- 1. EXISTING PAVEMENT MARKINGS SHALL BE REFERENCED, DOCUMENTED AND REPLACED IN ACCORDANCE WITH STANDARD PLANS.

 SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
- 2. INLET PROTECTION SHALL BE IN PLACE PRIOR TO COMMENCING SITE PREPARATION OPERATIONS. SEE QTSP1 FOR GENERAL LOCATIONS.
- 3. MAINTAIN DRAINAGE SYSTEM OPERATION DURING PLANING ACTIVITIES. KEEP DRAINAGE SYSTEM FREE OF CONSTRUCTION MATERIAL.

SECTION 1

Plot 1
PLAN REF NO
SPP1

21

152 SHEETS

FILE NAME	T:\412415\XL6544 - NWR HMA	A 2023\Working_Folder\Ruby\Mill_Fill_Proof\XL6544_PS_S	SPP.dgn					
TIME	6:45:41 AM				REGION NO.	STATE	FED.AID PROJ.NO.	1.
DATE	1/17/2024					WASH		1
PLOTTED BY	KaurR				10	WASH		Ş
DESIGNED BY	R. KAUR					IUMBER		11
ENTERED BY	R. KAUR				23A	.013		1 3
CHECKED BY	S. WU				CONTR	RACT NO.	LOCATION NO.	7 °
PROJ. ENGR.	K. NDILE							
REGIONAL ADM	. B. NIELSEN	REVISION	DATE	BY				



50

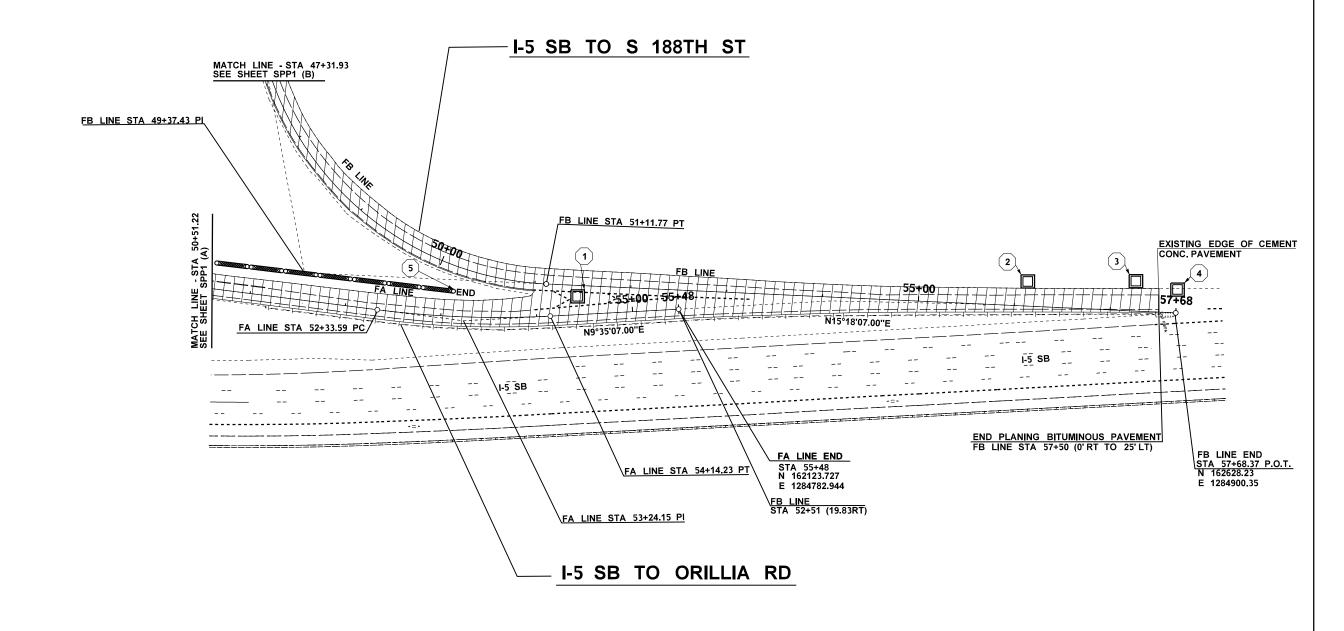
SCALE IN FEET

	Washington Sta Department of Transp
TE	

	I-5 ET AL.
	NORTHWEST REGION RAMPS
ngton State of Transportation	HMA PAVING & ADA

SITE	PREP &	TESC	PLAN





FOR LEGEND AND NOTES, SEE SHEET SPP1

50

SECTION

Plot 2

SPP2

SHEET 22 OF

152 SHEETS

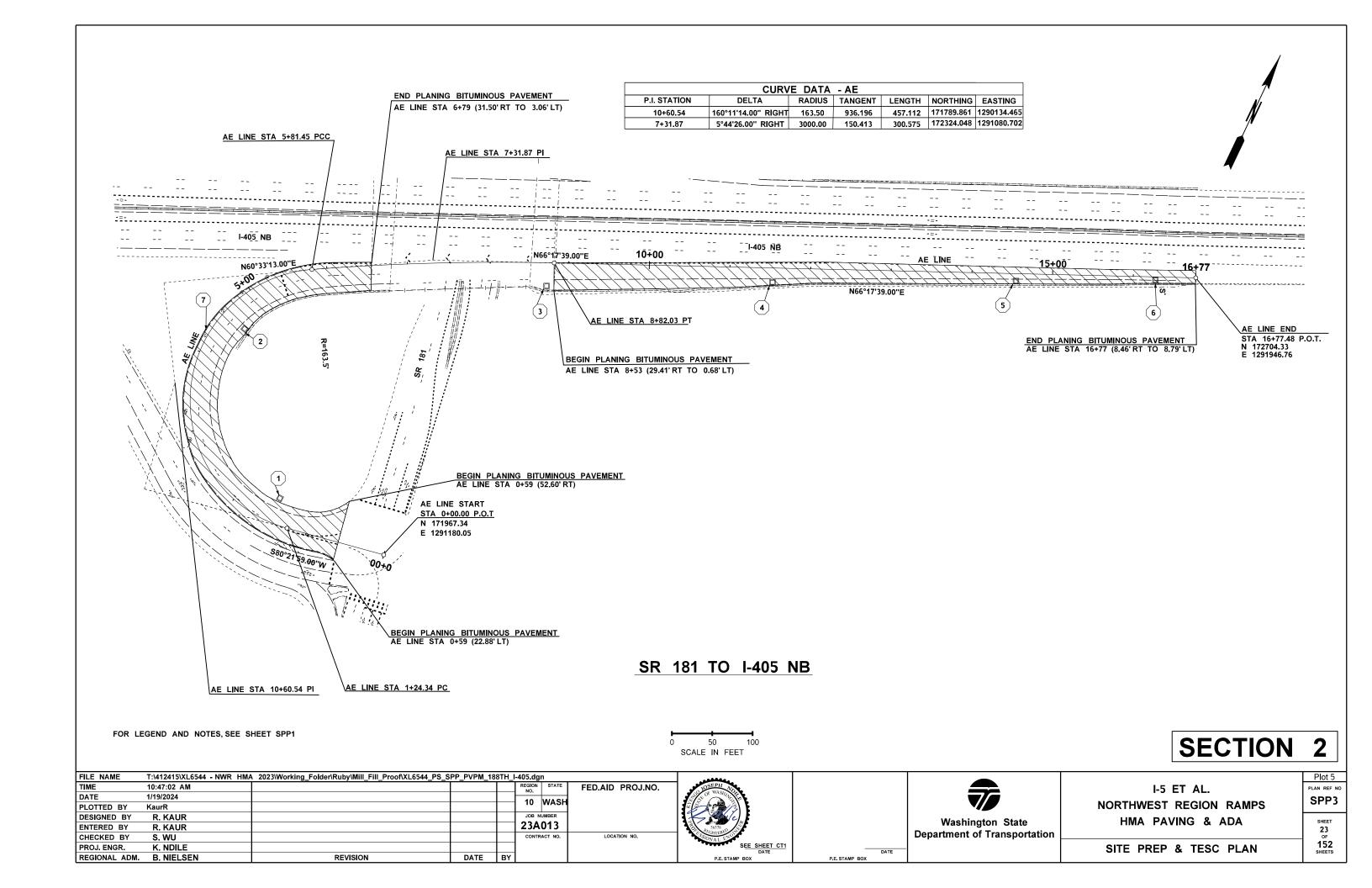
FILE NAME	T:\412415\XL6544 - NWR HMA	\ 2023\WorkIng_Folder\Ruby\MIII_FIII_Proof\XL6544_PS_SI	PP.dgn					
TIME	2:51:27 PM				REGION NO.	STATE	FED.AID PROJ.NO.	Ι.
DATE	1/16/2024					MAYA CI I		3
PLOTTED BY	KaurR				10	WASH		Ŷ
DESIGNED BY	R. KAUR					UMBER		1
ENTERED BY	R. KAUR				23A	013		3
CHECKED BY	S. WU				CONTR	ACT NO.	LOCATION NO.	1 3
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				

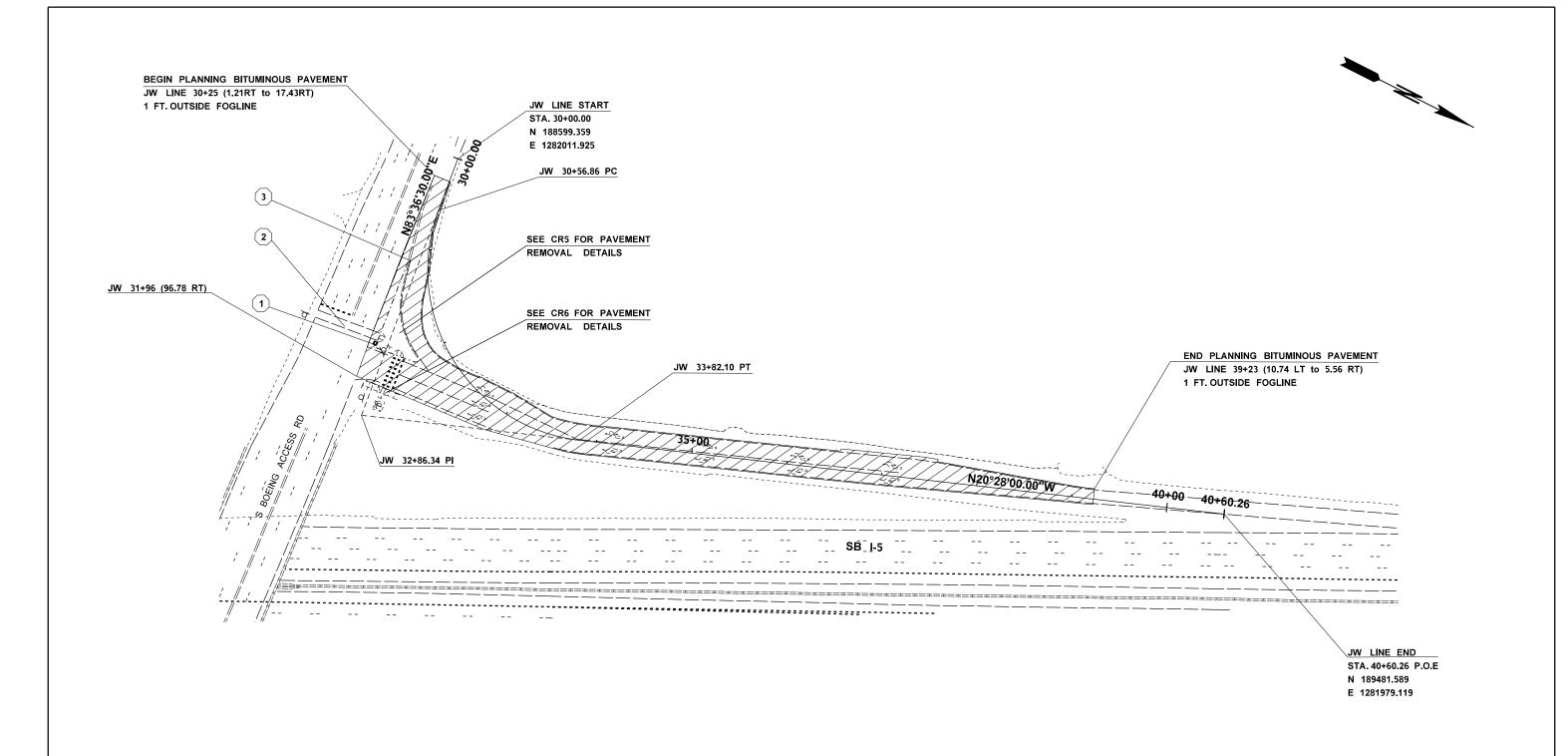
SEE SHEET CII
DATE
P.E. STAMP BOX

7
Washington State Department of Transportation

DATE

I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA
SITE PREP & TESC PLAN

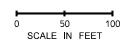




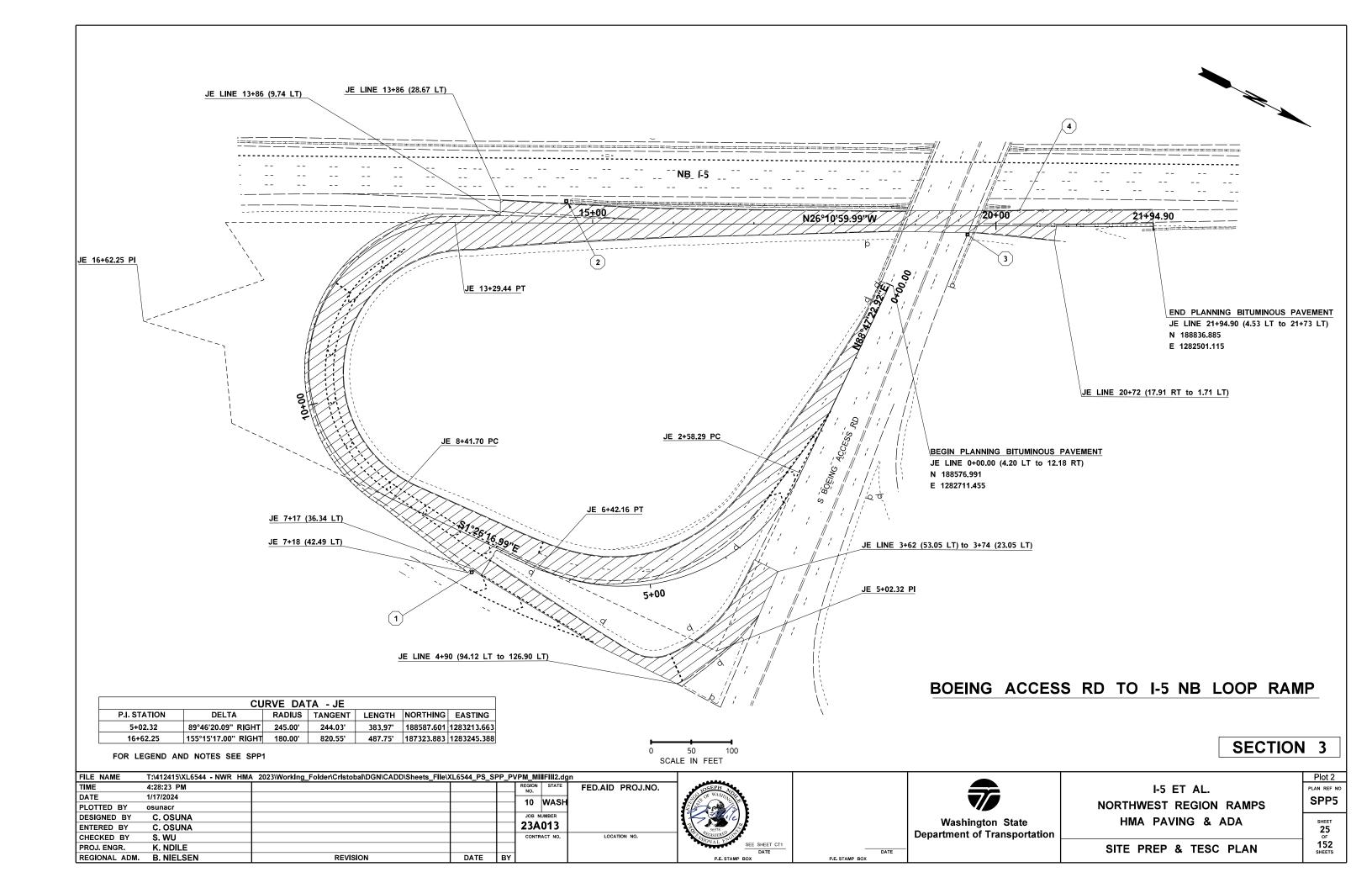
I-5 SB TO BOEING ACCESS RD

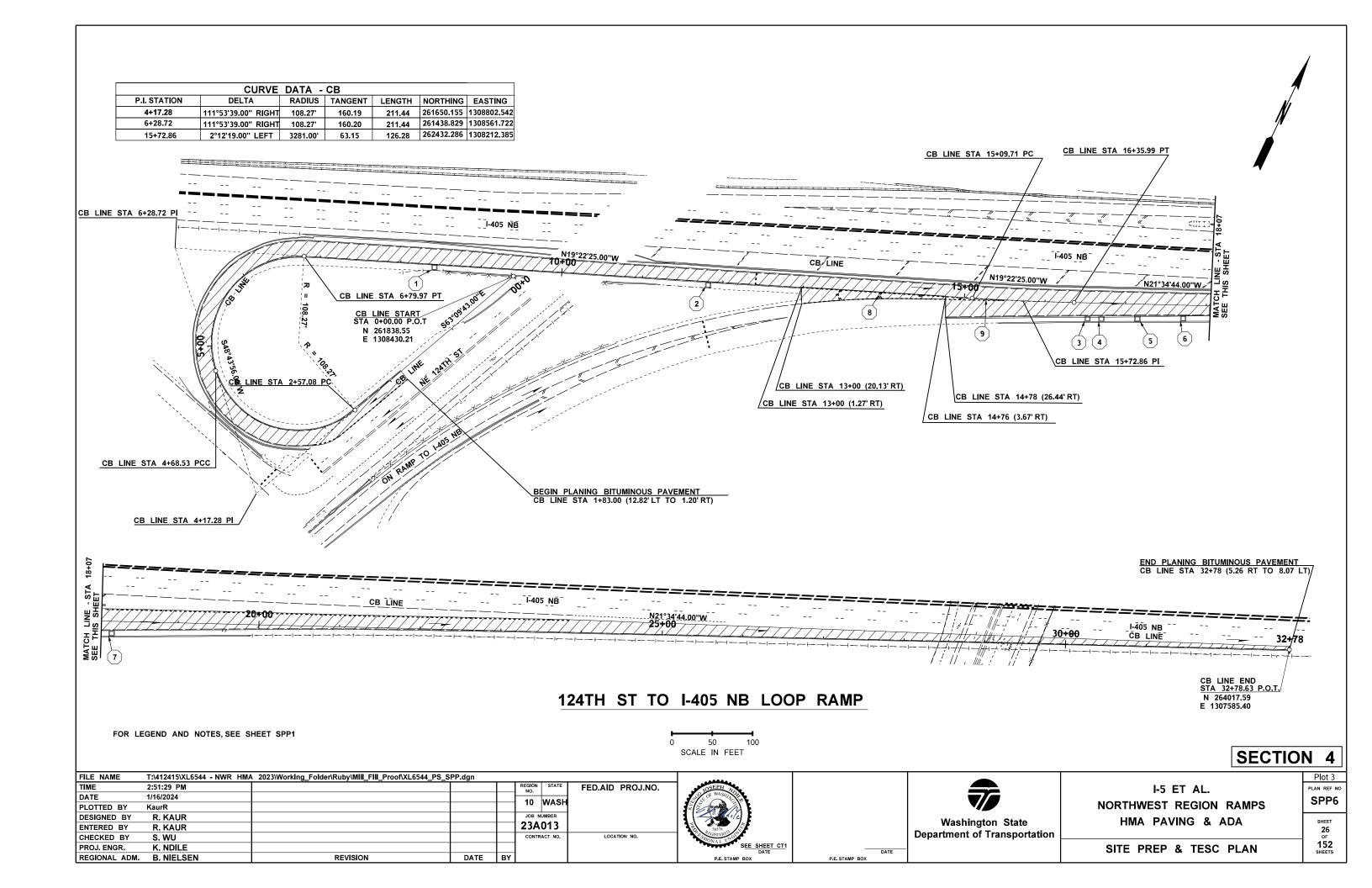
CURVE DATA - JW												
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING						
32+86.34	104°04'30.00" LEFT	179.05'	229.48	325.23'	188631.236	1282296.489						

FOR LEGEND AND NOTES SEE SPP1



FILE NAME	T:\412415\XL6544 - NWR HMA	2023\Working_Folder\Cristobal\DGN\CADD\Sheets_File\	KL6544_PS_S	PP_PV	PM_MIIIFIII2.dg	jn					Plot 1
TIME	3:01:46 PM				REGION STATE	FED.AID PROJ.NO.	OSEPH			I-5 ET AL.	PLAN REF NO
DATE	1/11/2024				10 WASH		OF WASHING TO				SPP4
PLOTTED BY	osunacr				IU WASH					NORTHWEST REGION RAMPS	0.14
DESIGNED BY	C. OSUNA				JOB NUMBER		(de)		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	C. OSUNA				23A013		56578		j		24
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.	SIONAL ES		Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE						SEE SHEET CT1	DATE		SITE PREP & TESC PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		5.1. <u> </u>	SILLIS





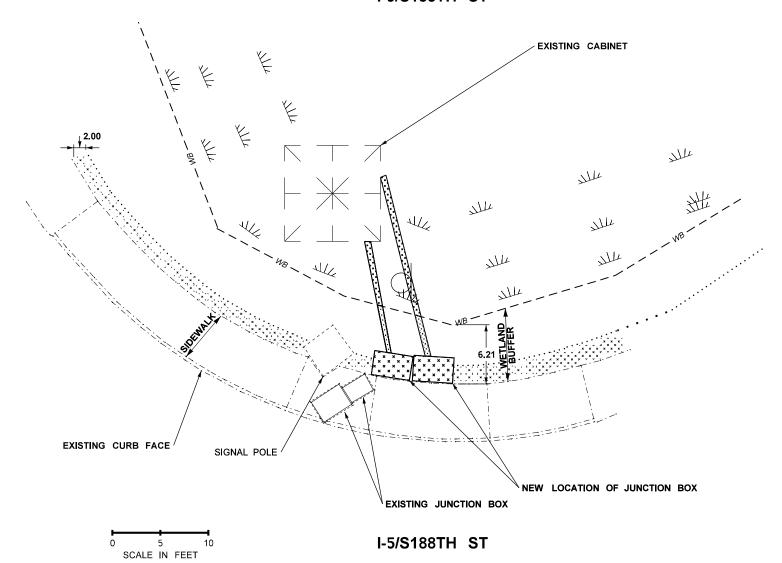
IMPACTS SUMMARY

× × × × PERMANENT WETLAND BUFFER IMPACT	25 SF
**************************************	50 SF
TEMPORARY WETLAND BUFFER IMPACT	128 SF

LEGEND

WETLAND ΔL WETLAND BOUNDARY WETLAND BUFFER EXISTING CURB FACE

I-5/S188TH ST



Washington State
Department of Transportation

I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA

ENVIRONMENTAL COMPLIANCE PLAN

Plot 12

PLAN REF NO ECP1

SHEET

27

OF

152

SHEETS

FILE NAME	T:\412415\XL6544 - NWR HMA	\ 2023\ENV - Environmental\(ENV) MIT	- Wetland Mitigation & Stre	am Re	storation\XL0	5544_EnvironImpacts.dgn
TIME	4:12:24 PM				REGION STAT	FED.AID PROJ.NO.
DATE	11/28/2023				10 WAS	20
PLOTTED BY	KaurR				1 10 WAS	20
DESIGNED BY	R. KAUR				JOB NUMBER	
ENTERED BY	R. KAUR				23A013	5
CHECKED BY	S. WU				CONTRACT NO	D. LOCATION NO.
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		

		Ql	JANT	ITY	TABL	JLAT	ION -	- PA\	/ING	AND) PA\	/EME	ENT I	MARI	KING			
														111	111		GENERAL NOTES:	
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	SET NO. OR THE SHEET OWING THE ATURE. ER REFERS TO THE ATURE FOUND ON THAT ON ON THAT ON ON THE SHEET ON THE S						LASTIC CROSSWALK LINE	LASTIC STOP LINE	LASTIC TRAFFIC ARROW		LASTIC DRAINAGE MARKING	RAISED PAVEMENT MARKER TYPE 1	RAISED PAVEMENT MARKER TYPE 2	SEE GENERAL NOTES				
CODE LOCATION ∀ \ UNIT OF MEASURE >	L.F.			EACH	L.F.			L.F.	S.F.	L.F.	EACH		EACH	HUND	HUND	0)		
I-5 PVPM1-1 FA 42+47 (6.63RT) to 42+49 (25.74LT)									140							1	1. SEE STANDARD PLAN M-20.10 FOR "PLA LINE."	STIC
PVPM1-1 FA 42+47 (0.03KT) to 42+49 (23.74LT) PVPM1-2 FA 42+64 (7.89RT) to 42+65 (22.89LT)									140	30						3	-··	•
PVPM1-3 FA 42+73 (10.09RT) to 50+51 (10.09 RT)															0.5	7	2. SEE STANDARD PLAN M-24.20, "TYPE 2S 2SR, 7LRS TRAFFIC ARROW."	SL,
PVPM1-4 FA 42+65 (4.03LT) to 44+79 (5.01 LT) PVPM1-5 FA 43+32 (11.07LT) to 44+73 (10.30LT)											2					2	·	0-10
																	3. SEE STANDARD PLAN M-24.60 FOR "PLA STOP LINE."	STIC
PVPM1-6 FA 42+39 (89.05LT) to 50+51 (12.52LT)					812				400							1		0710
PVPM1-7 FB 40+35 (7.57LT) to 40+40 (15.28RT) PVPM1-8 FB 40+51 (13.97RT)									180	24						3	4. SEE STANDARD PLAN M-15.10 FOR "PLA CROSSWALK LINE."	SIIC
PVPM1-9 FB 40+57 (13.79RT) to 47+32 (13.79RT)															0.5	7		TIO
PVPM1-10 FB 40+54 (12.38RT) to 47+32 (12.38RT)					700											1	5. SEE STANDARD PLAN M-7.50 FOR "PLAS HOV LANE SYMBOL."	SIIC
PVPM1-11 FB 40+31 (31.13LT) to 47+32 (7.92LT)					800											1	6. SEE STANDARD PLANS M-2.21, "ON-RAM	4D
PVPM1-12 FA 43+32 (3.05RT) to 44+73 (3.05RT)					000						2					2	GORE AREA MARKING LAYOUTS."	//P
PVPM1-13 FA 42+45 (8.57RT) to 50+51 (8.57RT) PVPM1-14 FB 40+66 (9.26LT) to 41+39 (9.02LT)				10	820											1,8	7. SEE STANDARD PLANS M-20.30 40 FT-O	C EOR
PVPM1-15 FB 40+69 (2.42 LT) to 40+98 (1.56 LT)																,-	"RAISED PAVING MARKER TYPE 2."	OTOR
PVPM1-16 FB 40+71 (1.75 RT)																	8. SEE STANDARD PLANS M-40.10 SURFAC	`E
PVPM2-1 FA 50+51 (8.50RT) to 58+00 (8.50RT)					750											1	MOUNT FOR "FLEXIBLE GUIDE POST.") L
PVPM2-2 FB 47+32 (8.00LT) to 58+00 (7.92LT)					1100											1	- 9. SEE STANDARD PLAN M-24.60 FOR "PLA	STIC
PVPM2-3 FA 50+51 (10.09RT) to 57+68 (10.09 RT) PVPM2-4 FB 47+32 (12.38RT) to 51+12 (12.38RT)					400										0.5	7 1,7	DRAINAGE MARKING."	
PVPM2-5 FA 50+51 (12.52LT) to 55+48 (12.52LT)					400											1	10. SEE STANDARD PLAN F-40.16 FOR "CE	MENT
PVPM2-6 FB 47+32 (13.79RT) to 51+12 (13.79RT)															0.5	7	CONC. SINGLE DIRECTION CURB RAMP TY	
PVPM2-7 FB 57+51 (0 LT to 35 LT)		35													0.5	,	11. SEE STANDARD PLAN A-40.20 DETAIL 3	3 FOR
PVPM2-8 FB 51+15 (17.68 RT)													1			9	"HMA SAW CUT AND SEAL."	
PVPM2-9 FB 55+90 (15.92 LT) PVPM2-10 FB 56+93 (20.25 LT)													1 1			9	12. SEE STANDARD PLAN F-10.64 FOR "PR	FCAST
																-	DUAL FACED SLOPED MOUNTABLE CURB.	
PVPM2-11 FB 57+50 (21.68 LT) PVPM2-12 FB 51+36 (15.33 RT) to 51+86 (11.73 RT)													1	0.7		9	13. NEW REALIGNED CROSSWALK. SEE	
I-405														0.7			STANDARD PLAN M-15.10 FOR LAYOUT	
PVPM3-1 AE 0+48 (36.95RT) to 16+50 (14.02RT)							1400									1	INFORMATION.	
PVPM3-2 AE 0+60 (27.73LT) to0 5+40 (1.19LT) PVPM3-3 AE 01+88 (7.10RT) to 05+44 (1.19RT)							570								0.5	1,7	14. SEE QTCR1 FOR ADDITIONAL TRAFFIC	ITEM
PVPM3-4 AE 05+40 (31.74 RT) to 05+44 (1.19RT)										30					0.0	3	QUANTITIES	
PVPM3-5 AE 00+12 (36.95 RT) to 01+20 (0.02LT)					150											1	- -	
SHEET TOTAL		35		10	5932		1970		320	84	4		4	0.7	2.5			
DESIGNED BY ENTERED BY C. OSUNA CHECKED BY S. WU PROJ. ENGR. K. NDILE					JOB NI	WASH JMBER	FED. AID	PROJ. NO.				**	<i>W</i> ashington Department	State of Transpo	ortation		I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA	QTPS 1 SHEET 28 OF
REGION ADM. B. NIELSEN DATE DATE		REVISION		BY	CONTRA							QUANTITY TABULATION - PAVING MARKING			TY TABULATION - PAVING AND PAVEMENT MARKING	152 SHEETS		

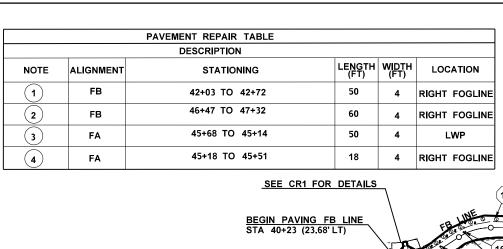
		QL	JANT	ITY	TABL	JLAT	ION -	- PA\	/ING	AND) PA\	/EME	ENT N	/ARKIN	G		
	ι'n															GENERAL NOTES:	
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	TEMPORARY PAVEMENT MARKING SHORT DURATION	TEMPORARY MISC. PAVEMENT MARKING-SHORT DURATION	TEMPORARY STOP LINE - SHORT DURATION	TEMPORARY CROSSWALK LINE - SHORT DURATION		ASTIC HOV LANE SYMBOL	ASTIC CROSSHATCH MARKING	ASTIC WIDE LINE	ADJUST MONUMENT CASE AND COVER						E GENERAL NOTES		
CODE LOCATION Y \ UNIT OF MEASURE >	上方 L.F.	世 <u>⋛</u> EACH		크는 S 는		로 EACH	7-	급	₩ S EACH						SE		
CODE LOCATION ✓ \ UNIT OF MEASURE >	L.F.	EACH	L.F.	S.F.		EACH	L.F.	L.F.	EACH							_	ASTIC
PVPM1-1 FA 42+47 (6.63RT) to 42+49 (25.74LT)				280											1	LINE."	
PVPM1-2 FA 42+64 (7.89RT) to 42+65 (22.89LT)			60												3	2. SEE STANDARD PLAN M-24.20, "TYPE 29	SI
PVPM1-3 FA 42+73 (10.09RT) to 50+51 (10.09 RT) PVPM1-4 FA 42+65 (4.03LT) to 44+79 (5.01 LT)	460							230		1					7	2SR, 7LRS TRAFFIC ARROW."	OL,
PVPM1-4 FA 42+65 (4.03LT) to 44+79 (5.01 LT) PVPM1-5 FA 43+32 (11.07LT) to 44+73 (10.30LT)	400	4						230			1				2	 3. SEE STANDARD PLAN M-24.60 FOR "PLA	ASTIC
, , , , , , , , , , , , , , , , , , ,																_ 3. SEE STANDARD PLAN M-24.60 FOR "PLA _ STOP LINE."	10110
PVPM1-6 FA 42+39 (89.05LT) to 50+51 (12.52LT)	1624			222											1		
PVPM1-7 FB 40+35 (7.57LT) to 40+40 (15.28RT) PVPM1-8 FB 40+51 (13.97RT)			48	360											3	4. SEE STANDARD PLAN M-15.10 FOR "PLA CROSSWALK LINE."	ASTIC
PVPM1-9 FB 40+57 (13.79RT) to 47+32 (13.79RT)			40							1					7	-	
PVPM1-10 FB 40+54 (12.38RT) to 47+32 (12.38RT)	1400														1	5. SEE STANDARD PLAN M-7.50 FOR "PLAS	STIC
	4000															HOV LANE SYMBOL."	
PVPM1-11 FB 40+31 (31.13LT) to 47+32 (7.92LT) PVPM1-12 FA 43+32 (3.05RT) to 44+73 (3.05RT)	1600	4													1 2	6. SEE STANDARD PLANS M-2.21, "ON-RAN	MP
PVPM1-13 FA 42+45 (8.57RT) to 50+51 (8.57RT)	1640	7													1	GORE AREA MARKING LAYOUTS."	
PVPM1-14 FB 40+66 (9.26LT) to 41+39 (9.02LT)	200						100								1,8	7. SEE STANDARD PLANS M-20.30 40 FT-O	C FOR
PVPM1-15 FB 40+69 (2.42 LT) to 40+98 (1.56 LT) PVPM1-16 FB 40+71 (1.75 RT)									2							"RAISED PAVING MARKER TYPE 2."	
FVFMI-IOI D 40171 (1.73 KI)									'							8. SEE STANDARD PLANS M-40.10 SURFA	CE
PVPM2-1 FA 50+51 (8.50RT) to 58+00 (8.50RT)	1500														1	MOUNT FOR "FLEXIBLE GUIDE POST."	
PVPM2-2 FB 47+32 (8.00LT) to 58+00 (7.92LT)	2200									1					1 7	9. SEE STANDARD PLAN M-24.60 FOR "PLA	ASTIC
PVPM2-3 FA 50+51 (10.09RT) to 57+68 (10.09 RT) PVPM2-4 FB 47+32 (12.38RT) to 51+12 (12.38RT)	800									+					1,7	DRAINAGE MARKING."	
PVPM2-5 FA 50+51 (12.52LT) to 55+48 (12.52LT)	800														1	 10. SEE STANDARD PLAN F-40.16 FOR "CE	MENT
DIGNA 6 FD 47122 (42 70DT) to 54142 (42 70DT)															7	CONC. SINGLE DIRECTION CURB RAMP T	
PVPM2-6 FB 47+32 (13.79RT) to 51+12 (13.79RT) PVPM2-7 FB 57+51 (0 LT to 35 LT)															7	 11. SEE STANDARD PLAN A-40.20 DETAIL :	3 EOB
PVPM2-8 FB 51+15 (17.68 RT)															9	"HMA SAW CUT AND SEAL."	31010
PVPM2-9 FB 55+90 (15.92 LT)	-														9	40.000 OTANIDADD DI ANIE 40.04.500	
PVPM2-10 FB 56+93 (20.25 LT)															9	12. SEE STANDARD PLAN F-10.64 FOR "PRECAST DUAL FACED SLOPED MOUNTA	ABLE
PVPM2-11 FB 57+50 (21.68 LT)											1				9	CURB."	
PVPM2-12 FB 51+36 (15.33 RT) to 51+86 (11.73 RT)																 	
1-405	2002									1	1				4	STANDARD PLAN M-15.10 FOR LAYOUT	
PVPM3-1 AE 0+48 (36.95RT) to 16+50 (14.02RT) PVPM3-2 AE 0+60 (27.73RT) to0 5+40 (1.19RT)	2800 1140			-						1	1	-			1	INFORMATION.	
PVPM3-3 AE 01+88 (7.10RT) to 05+44 (1.19RT)	1120							560		1					1,7		CITEM
PVPM3-4 AE 05+40 (31.74 RT) to 05+44 (1.19RT)			60												3	QUANTITIES	- 1 1 LIVI
PVPM3-5 AE 00+12 (36.95 RT) to 01+20 (0.02LT)	300														1	_	
SHEET TOTAL	17584	8	168	640			100	790	3							_	
DESIGNED BY ENTERED BY C. OSUNA CHECKED BY S. WU PROJ. ENGR. K. NDILE					JOB NU 23A	WASH JMBER 013	FED. AID	PROJ. NO.	-			%	Vashington S Department	State of Transportation		I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA	QTPS 2 SHEET 29 OF
REGION ADM. B. NIELSEN DATE DATE		REVISION		BY	CONTRA										QUANT	ITY TABULATION - PAVING AND PAVEMENT MARKING	152 SHEETS

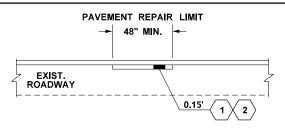
		Ql	JANT	TTY	TABL	JLAT	ION -	- PA\	/ING	AND	PA\	/EME	ENT N	ИARI	KING			
			Ι					Ι				Ι		111	III		GENERAL NOTES:	
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	IMA JOINT SEAL AT BRIDGE END	SEALING CCP TO HMA LONGIT JOINTS	PRECAST DUAL FACED SLOPED MOUNTABLE CURB	LEXIBLE GUIDE POST	PLASTIC LINE		PROFILED PLASTIC LINE	ROFILED PLASTIC WIDE LINE	LASTIC CROSSWALK LINE	LASTIC STOP LINE	LASTIC TRAFFIC ARROW		LASTIC DRAINAGE MARKING	RAISED PAVEMENT MARKER TYPE	RAISED PAVEMENT MARKER TYPE 2	EE GENERAL NOTES		
CODE LOCATION Y \ UNIT OF MEASURE >	L.F.	L.F.	L.F.	EACH	L.F.		L.F.	L.F.	S.F.	L.F.	EACH		EACH	HUND Fr —	HUND	S		
I-405																0	1. SEE STANDARD PLAN M-20.10 FOR "PLA LINE."	ASTIC
PVPM3-6 AE 01+39 (28.82 RT) PVPM3-7 AE 04+39 (39.84 RT) PVPM3-8 AE 08+70 (31.36 RT) PVPM3-9 AE 11+15 (25.63 RT)													1 1 1			9	2. SEE STANDARD PLAN M-24.20, "TYPE 2S 2SR, 7LRS TRAFFIC ARROW."	SL,
PVPM3-10 AE 14+42 (19.41 RT)				<u> </u>									1			9	- - 3. SEE STANDARD PLAN M-24.60 FOR "PLA	ASTIC
PVPM3-11 AE 16+60 (21 RT) PVPM3-12 AE 06+79 (31.5 RT to 3.06 LT)	40												1			9	STOP LINE." 4. SEE STANDARD PLAN M-15.10 FOR "PLAN M-15.10 FOR M-	
PVPM3-13 AE 08+53 (29.41 RT to 0.68 LT)	40															11	CROSSWALK LINE."	10110
PVPM3-14 AE 08+83 (3.27 LT) to 16.54 (8.33 LT) PVPM3-15 AE 00+50(25.03 LT) to 01+50(25.03 LT) PVPM3-16 AE 08+53(0.68 LT) to 11+15(1.32 LT)		480						336								1	5. SEE STANDARD PLAN M-7.50 FOR "PLAS HOV LANE SYMBOL."	STIC
I-5 PVPM4-1 JW 30+25 (16.5 RT & 1.0 LT) to 39+23 (10.0 LT & 2.0 RT) PVPM4-2 JW 32+36 to JW 37+06					1800						5					1 2	6. SEE STANDARD PLANS M-2.21, "ON-RAN GORE AREA MARKING LAYOUTS."	ИΡ
PVPM4-3 JW 32+36 to JW 37+06 PVPM4-4 JW 32+09 (43.0 & 67.0 RT) to 37+20 (2.9 LT)					600						6					2	7. SEE STANDARD PLANS M-20.30 40 FT-O "RAISED PAVING MARKER TYPE 2."	C FOR
PVPM4-5 JW 32+00 (43.0 RT) to 32+17 (69 RT)										35						3	8. SEE STANDARD PLANS M-40.10 SURFAC	CE
PVPM4-6 JW 31+00 (48.0 RT) to 32+12 (74.0 RT) PVPM4-7 JW 39+23 (5.71 RT to 10.83 LT)		17							140							13	MOUNT FOR "FLEXIBLE GUIDE POST."	
PVPM4-8 JW 30+25 (1.65 to 16.73 RT) PVPM4-9 JW 31+79 (66.19 RT)	19												1			11 9	9. SEE STANDARD PLAN M-24.60 FOR "PLA DRAINAGE MARKING."	ASTIC
PVPM4-10 JW 31+48 (119.34 RT) to 31+73 (57.37 RT)									280							13	10. SEE STANDARD PLAN F-40.16 FOR "CE	MENT
PVPM4-11 JW 30+35 (7.78 RT) to 31+13 (16.86 RT)			82													12	CONC. SINGLE DIRECTION CURB RAMP TY	YPE A"
PVPM5-1 JE 00+00 (14.0 RT & 1.0 LT) to 21+95 (2.0 & 22.0 LT) PVPM5-2 JE 6+98 (2.0 RT) to 12+58 (21.0 RT)					2880											1,6 6	11. SEE STANDARD PLAN A-40.20 DETAIL 3 "HMA SAW CUT AND SEAL."	3 FOR
PVPM5-3 JE 4+15 (49.0 & 80.0 LT) to 6+98 (17.76 LT)					500											1,6		
PVPM5-4 JE 1+19 (5.1 RT) to 6+49 (16.0 RT) PVPM5-5 JE 2+46 (24.0 RT) to 5+02 (19.0 RT)																1 5	12. SEE STANDARD PLAN F-10.64 FOR "PRECAST DUAL FACED SLOPED MOUNTA	ABLE
					410											-	CURB."	
PVPM5-6 JE 4+15 (65.0 LT) to 4+78 (99.0 LT) PVPM5-7 JE 0+00 (12.23 RT TO 4.15 LT)	17		-	-	112			-				-				1 11	13. NEW REALIGNED CROSSWALK. SEE	
PVPM5-8 JE 13+04 (12.27 LT) to 21+95 (21.33 LT)		940															STANDARD PLAN M-15.10 FOR LAYOUT INFORMATION.	
PVPM5-9 JE 21.95 (2.0 & 22.0 LT) PVPM5-10 JE 7+22 (41.64 LT)		18	-					-				-	1			9	-	
1 11 11 10 00 1 1 122 (41.04 21)	5-10 GE 17-22 (41.04 E1)												'				 14. SEE QTCR1 FOR ADDITIONAL TRAFFIC QUANTITIES 	TEM
SHEET TOTAL	116	1455	82		5892			336	420	35	11		8				-	
SHEET TOTAL	1 10	1433	J 02		REGION NO.	STATE	FED. AID	PROJ. NO.	420	33	1 11		_ 0		1		L	
DESIGNED BY ENTERED BY C. OSUNA					10	WASH						4	<i>N</i> ashinaton	State			I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA	QTPS 3
CHECKED BY S. WU PROJ. ENGR. K. NDILE REGION ADM. B. NIELSEN			I I CONTRACTNO I		TY TABULATION - PAVING AND PAVEMENT	30 OF 152												
DATE DATE													MARKING	SHEETS				

		QL	JANT	ITY	TABL	ILAT	ION	- PA\	/ING	AND) PA\	/EME	NT N	//ARKI	NG			
	ι ^μ Ι																GENERAL NOTES:	
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	EMPORARY PAVEMENT MARKING HORT DURATION	TEMPORARY MISC. PAVEMENT MARKING-SHORT DURATION	TEMPORARY STOP LINE - SHORT DURATION	TEMPORARY CROSSWALK LINE - SHORT DURATION		STIC HOV LANE SYMBOL	ASTIC CROSSHATCH MARKING	STIC WIDE LINE	ADJUST MONUMENT CASE AND COVER							E GENERAL NOTES	GENERAL NOTES.	
	SH		TEI	SH		PL/	PL/	PL/								SEI		
CODE LOCATION ✓ \ UNIT OF MEASURE >	L.F.	EACH	L.F.	S.F.		EACH	L.F.	L.F.	EACH									NOTIO
I-405 PVPM3-6 AE 01+39 (28.82 RT)																9	1. SEE STANDARD PLAN M-20.10 FOR "PLA LINE."	ASTIC
PVPM3-7 AE 04+39 (39.84 RT) PVPM3-8 AE 08+70 (31.36 RT)																	2. SEE STANDARD PLAN M-24.20, "TYPE 2S 2SR, 7LRS TRAFFIC ARROW."	SL,
PVPM3-9 AE 11+15 (25.63 RT) PVPM3-10 AE 14+42 (19.41 RT)																9	0.055.0744104.00.00.00.00.00.00.00.00.00.00.00.00.0	
																-	3. SEE STANDARD PLAN M-24.60 FOR "PLA STOP LINE."	45 HC
PVPM3-11 AE 16+60 (21 RT)																9	4 OFF CTANDARD BLAN M 45 40 FOR IIDLA	NOTIC
PVPM3-12 AE 06+79 (31.5 RT to 3.06 LT) PVPM3-13 AE 08+53 (29.41 RT to 0.68 LT)																11 11	4. SEE STANDARD PLAN M-15.10 FOR "PLA CROSSWALK LINE."	ASTIC
PVPM3-14 AE 08+83 (3.27 LT) to 16.54 (8.33 LT)	672															1		0710
PVPM3-15 AE 00+50(25.03 LT) to 01+50(25.03 LT)	20						10										5. SEE STANDARD PLAN M-7.50 FOR "PLAS HOV LANE SYMBOL."	STIC
PVPM3-16 AE 08+53(0.68 LT) to 11+15(1.32 LT)	16						8											
PVPM4-1 JW 30+25 (16.5 RT & 1.0 LT) to 39+23 (10.0 LT & 2.0 RT)	3600															1	6. SEE STANDARD PLANS M-2.21, "ON-RAN GORE AREA MARKING LAYOUTS."	MP
PVPM4-2 JW 32+36 to JW 37+06		10														2		
PVPM4-3 JW 32+36 to JW 37+06 PVPM4-4 JW 32+09 (43.0 & 67.0 RT) to 37+20 (2.9 LT)	2470	12						635								2 1	7. SEE STANDARD PLANS M-20.30 40 FT-O "RAISED PAVING MARKER TYPE 2."	C FOR
PVPM4-5 JW 32+00 (43.0 RT) to 32+17 (69 RT)			70													3	8. SEE STANDARD PLANS M-40.10 SURFAC	^E
PVPM4-6 JW 31+00 (48.0 RT) to 32+12 (74.0 RT)				280												13	MOUNT FOR "FLEXIBLE GUIDE POST."	
PVPM4-7 JW 39+23 (5.71 RT to 10.83 LT)																	 9. SEE STANDARD PLAN M-24.60 FOR "PLA	ASTIC
PVPM4-8 JW 30+25 (1.65 to 16.73 RT) PVPM4-9 JW 31+79 (66.19 RT)																11 9	DRAINAGE MARKING."	10110
PVPM4-10 JW 31+48 (119.34 RT) to 31+73 (57.37 RT)																13	10. SEE STANDARD PLAN F-40.16 FOR "CE	MENT
PVPM4-11 JW 30+35 (7.78 RT) to 31+13 (16.86 RT)																12	CONC. SINGLE DIRECTION CURB RAMP TY	
PVPM5-1 JE 00+00 (14.0 RT & 1.0 LT) to 21+95 (2.0 & 22.0 LT)	8386						3	1310								1,6	11. SEE STANDARD PLAN A-40.20 DETAIL 3	3 FOR
PVPM5-2 JE 6+98 (2.0 RT) to 12+58 (21.0 RT)	2360						160	1020								6	"HMA SAW CUT AND SEAL."	
PVPM5-3 JE 4+15 (49.0 & 80.0 LT) to 6+98 (17.76 LT) PVPM5-4 JE 1+19 (5.1 RT) to 6+49 (16.0 RT)	1366 1240						3	180 620								1,6 1	12. SEE STANDARD PLAN F-10.64 FOR	
PVPM5-4 JE 1+19 (5.1 KT) to 6+49 (16.0 KT) PVPM5-5 JE 2+46 (24.0 RT) to 5+02 (19.0 RT)	1240	4				2		020	 	 						5	"PRECAST DUAL FACED SLOPED MOUNTA	ABLE
																	CURB."	
PVPM5-6 JE 4+15 (65.0 LT) to 4+78 (99.0 LT) PVPM5-7 JE 0+00 (12.23 RT TO 4.15 LT)	224			-			-									1 11	13. NEW REALIGNED CROSSWALK. SEE	
PVPM5-7 JE 07-00 (12.23 KT 10 4.13 LT) PVPM5-8 JE 13+04 (12.27 LT) to 21+95 (21.33 LT)							1		1	1						11	STANDARD PLAN M-15.10 FOR LAYOUT	
PVPM5-9 JE 21.95 (2.0 & 22.O LT)																_	INFORMATION.	
PVPM5-10 JE 7+22 (41.64 LT)																9	14. SEE QTCR1 FOR ADDITIONAL TRAFFIC	CITEM
																	QUANTITIES	
SHEET TOTAL	20354	26	70	280		2	184	3765										
					REGION NO.	STATE		PROJ. NO.			1							
DESIGNED BY ENTERED BY C. OSUNA					10	WASH						7	Vashington S	State of Transportal		I	I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA	QTPS 4
CHECKED BY S. WU PROJ. ENGR. K. NDILE REGION ADM. B. NIELSEN DATE DATE		REVISION		BY	JOB NU 23A CONTRA	013							vepartment	or Iransportat		TITMAUQ	TY TABULATION - PAVING AND PAVEMENT MARKING	31 OF 152 SHEETS

				Ql	JANT	TTY T	TABL	JLAT	ION -	- PA\	/ING	AND	PA\	/EME	ENT N	ЛAR	KING			
REFERS TO REFERENCE CONSTRUCT	NUMBER OF THE STATE OF THE SHEET NO. OF THE SHOWING TO SHOWING TO SHOWING TO SHOW THE SHOW TH	OR THE SHEET HE RS TO THE	HMA JOINT SEAL AT BRIDGE END	SEALING CCP TO HMA LONGIT JOINTS	PRECAST DUAL FACED SLOPED MOUNTABLE CURB	FLEXIBLE GUIDE POST	PLASTIC LINE		PROFILED PLASTIC LINE	PROFILED PLASTIC WIDE LINE	PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW		PLASTIC DRAINAGE MARKING	RAISED PAVEMENT MARKER TYPE	RAISED PAVEMENT MARKER TYPE 2	SEE GENERAL NOTES	GENERAL NOTES:	
CODE LO	CATION Y \ UNIT	OF MEASURE >	L.F.	L.F.	L.F.	EACH	L.F.		L.F.	L.F.	S.F.	L.F.	EACH		EACH	HUND	HUND	, , , , , , , , , , , , , , , , , , ,	1. SEE STANDARD PLAN M-20.10 FOR "PLA	ASTIC
PVPMS-11 JE 14+ PVPMS-12 JE 19+ PVPMS-13 JE 04+ PVPMS-14 JE 06+ PVPMS-15 JE 11+ PVPMS-16 JE 20+ PVPMS-17 JE 20+ I-405 PVPM6-1 CB 02	+87 (11.70LT) +82 (6.0RT) +85 (126.00 LT) to 0 +49 (16.51 RT) to 0 +58 (1086 LT) to 11 +00 (3.57 LT) to 21 +00 (17.11 LT) to 2 2+00 (13.79RT) to 1 +93 (0.05RT) to 24	6+50 (31.05 RT) +58 (21.42 RT) +80 (3.17LT) 1+80 (20.07 LT) 5+92 (29.24RT)							3000 1700			35 15 25			1 1	0.5	1	9 9 3 3 3 7	LINE." 2. SEE STANDARD PLAN M-24.20, "TYPE 29 2SR, 7LRS TRAFFIC ARROW." 3. SEE STANDARD PLAN M-24.60 FOR "PLASTOP LINE." 4. SEE STANDARD PLAN M-15.10 FOR "PLACROSSWALK LINE."	ASTIC ASTIC
PVPM6-3 CB 12- PVPM6-4 CB 08-	+84 (23.19RT) to 1 +84.40 (18.07 RT) +22 (28.10 RT)											20			1			3 9	5. SEE STANDARD PLAN M-7.50 FOR "PLAS HOV LANE SYMBOL."	
PVPM6-6 CB 16-	+96 (50.53 RT)														1			9	6. SEE STANDARD PLANS M-2.21, "ON-RAN GORE AREA MARKING LAYOUTS."	
PVPM6-7 CB 17- PVPM6-8 CB 17- PVPM6-9 CB 18-															1 1 1			9 9 9	7. SEE STANDARD PLANS M-20.30 40 FT-O "RAISED PAVING MARKER TYPE 2."	
PVPM6-11 CB 13	+61 (44.18 RT) +41 (6.63 RT) to 14 +94 (2.62 RT) to 15														1	1	1	9	8. SEE STANDARD PLANS M-40.10 SURFAGE MOUNT FOR "FLEXIBLE GUIDE POST."	CE
PVPM6-13 CB 15		77-7-7 (1.14 IVI)								1150							'		9. SEE STANDARD PLAN M-24.60 FOR "PLA DRAINAGE MARKING."	ASTIC
																			10. SEE STANDARD PLAN F-40.16 FOR "CE CONC. SINGLE DIRECTION CURB RAMP T	
																			11. SEE STANDARD PLAN A-40.20 DETAIL : "HMA SAW CUT AND SEAL."	3 FOR
																			12. SEE STANDARD PLAN F-10.64 FOR "PRECAST DUAL FACED SLOPED MOUNTACURB."	ABLE
																			13. NEW REALIGNED CROSSWALK. SEE STANDARD PLAN M-15.10 FOR LAYOUT INFORMATION.	
																			- - 14. SEE QTCR1 FOR ADDITIONAL TRAFFIC - QUANTITIES	ITEM
		SHEET TOTAL PROJECT TOTAL	116	1490	82	10	11824		4700 6670	1150 1486	740	95 214	15		9 21	1.5 2.2	2 4.5		- - -	
DESIGNED BY ENTERED BY CHECKED BY	C. OSUNA			1			REGION NO.	STATE WASH UMBER		PROJ. NO.				₩					I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA	QTPS SHEET 32
PROJ. ENGR. REGION ADM.	K. NDILE	DATE DATE		REVISION		BY		A013 ACT NO.						Washington State Department of Transportation QUANTITY TABULATION - PAVING AND PAVEMENT MARKING				OF 152 SHEET		

				Ql	JANT	TTY	TABL	JLAT	ION -	- PA\	/ING	AND	PAV	/EME	NT N	//ARK	KING		
REFERS TO REFERENCE CONSTRUCT THE SECONI	IUMBER OF THE "O THE SHEET NO. O I NO. SHOWING TH TON FEATURE. O NUMBER REFER TION FEATURE FO	OR THE SHEET HE RS TO THE	TEMPORARY PAVEMENT MARKING- SHORT DURATION	TEMPORARY MISC. PAVEMENT MARKINGS-SHORT DURATION	TEMPORARY STOP LINE - SHORT DURATION	TEMPORARY CROSSWALK LINE - SHORT DURATION		PLASTIC HOV LANE SYMBOL	PLASTIC CROSSHATCH MARKING	PLASTIC WIDE LINE	ADJUST MONUMENT CASE AND COVER							SEE GENERAL NOTES	GENERAL NOTES:
ODE LO	CATION Y \ UNIT	OF MEASURE >	L.F.	EACH	L.F.	S.F.		EACH	L.F.	L.F.	EACH							U)	4 055 074110 400 01414 02 40 500 500
	87 (11.70LT) 82 (6.0RT)																	9	1. SEE STANDARD PLAN M-20.10 FOR "PLASTIC LINE."
/PM5-13 JE 04+	82 (6.0R1) 85 (126.00 LT) to 0- 49 (16.51 RT) to 06				70 30													3	2. SEE STANDARD PLAN M-24.20, "TYPE 2SL , 2SR, 7LRS TRAFFIC ARROW."
/PM5-15 JE 11+ /PM5-16 JE 20+	58 (1086 LT) to 11+ 00 (3.57 LT) to 21+	-58 (21.42 RT) -80 (3.17LT)			50													3 7	- - 3. SEE STANDARD PLAN M-24.60 FOR "PLASTIC STOP LINE."
/PM5-17 JE 20+ I-405	00 (17.11 LT) to 21	I+80 (20.07 LT)	6005																4. SEE STANDARD PLAN M-15.10 FOR "PLASTIC
VРM6-2 CB 02+	+00 (13.79RT) to 15 -93 (0.05RT) to 24+	27 (4.04RT)	6000 3400		40													1 1	CROSSWALK LINE." 5. SEE STANDARD PLAN M-7.50 FOR "PLASTIC
/Рм6-4 CB 08+	-84 (23.19RT) to 12 -84.40 (18.07 RT) -22 (28.10 RT)	+04 (ö.05KT)			40													3 9 9	HOV LANE SYMBOL."
	-96 (50.53 RT)																	9	- 6. SEE STANDARD PLANS M-2.21, "ON-RAMP GORE AREA MARKING LAYOUTS."
VPM6-7 CB 17-1 VPM6-8 CB 17-1	-12 (50.66 RT) -57 (49.84 RT)																	9	7. SEE STANDARD PLANS M-20.30 40 FT-OC FC "RAISED PAVING MARKER TYPE 2."
/РM6-10 CB 18+	-13 (46.36 RT) -61 (44.18 RT)	104 (2.20 DT)																9	8. SEE STANDARD PLANS M-40.10 SURFACE MOUNT FOR "FLEXIBLE GUIDE POST."
	-41 (6.63 RT) to 14- -94 (2.62 RT) to 15- -00 to 24+00		2400						50										- - 9. SEE STANDARD PLAN M-24.60 FOR "PLASTIC
																			 DRAINAGE MARKING." 10. SEE STANDARD PLAN F-40.16 FOR "CEMEN
																			CONC. SINGLE DIRECTION CURB RAMP TYPE
																			11. SEE STANDARD PLAN A-40.20 DETAIL 3 FOI "HMA SAW CUT AND SEAL."
																			12. SEE STANDARD PLAN F-10.64 FOR "PRECAST DUAL FACED SLOPED MOUNTABLE CURB."
																			13. NEW REALIGNED CROSSWALK. SEE STANDARD PLAN M-15.10 FOR LAYOUT INFORMATION.
																			- 14. SEE QTCR1 FOR ADDITIONAL TRAFFIC ITEI
																			- QUANTITIES
		SHEET TOTAL PROJECT TOTAL		34	190 428	920		2	50 334	4555	3								-
ESIGNED BY	C. OSUNA						REGION NO.	STATE WASH	FED. AID	PROJ. NO.				~ v	Vashington 9	State			I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA S
HECKED BY ROJ. ENGR. EGION ADM.	S. WU K. NDILE B. NIELSEN						JOB NU 23A CONTRA	013					Washington State Department of Transportation		rtation	QUANTI	TY TABULATION - PAVING AND PAVEMENT		
		DATE DATE		REVISION		BY													MARKING SH

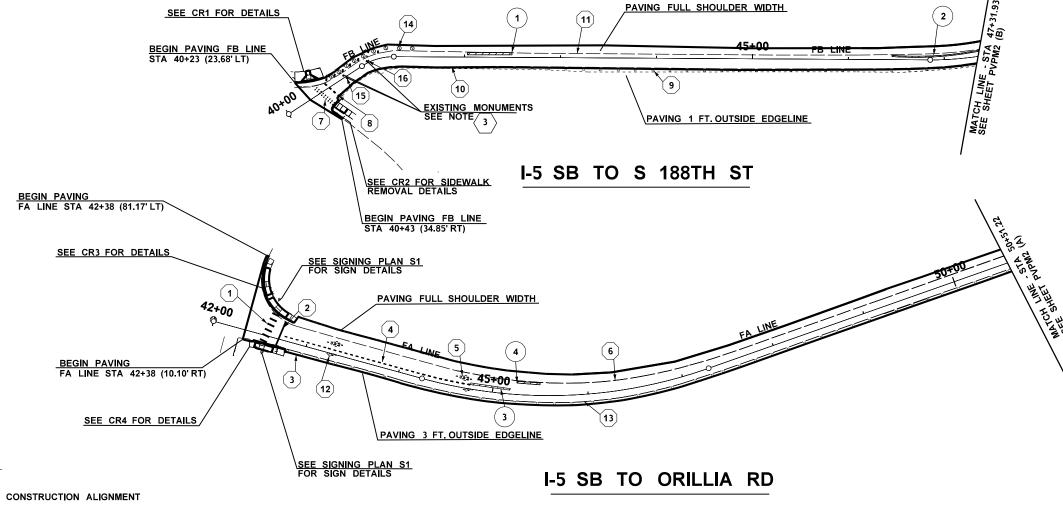




PARTIAL PAVEMENT REPAIR

SEE TABLE FOR LOCATIONS





NOTES

- PLANING BITUMINOUS PAVEMENT
- HMA CL. 3/8 IN. PG 58H-22
- CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS.

NOTE - SEE TABLE

QUANTITY TAB NOTE

FOGLINE

EDGE OF PAVEMENT

PLANING AND PAVING LIMITS HMA CL. 1/2 IN. PG 58H-22 PLANING BITUMINOUS PAVEMENT

PARTIAL PAVEMENT REPAIR. SEE TABLE

SEE NOTES

LEGEND



SECTION 1

FILE NAME	T:\412415\XL6544 - NWR HMA	A 2023\Working_Folder\Ruby\MIII_FIII_Proof\XL6544_PS_SP	P.dgn						
TIME	2:51:31 PM				REGION STAT	FED.AID PROJ.NO.	JOSEPH AND		
DATE	1/16/2024				10 WAS	급	The state of the s		7
PLOTTED BY	KaurR				I IU WAS	٦			
DESIGNED BY	R. KAUR				JOB NUMBER		- Colo		Washington State
ENTERED BY	R. KAUR				23A013		56578 Q 456578		Washington State
CHECKED BY	S. WU				CONTRACT NO	LOCATION NO.	STONAL ENGINEER		Department of Transportation
PROJ. ENGR.	K. NDILE						SEE SHEET CT1	DATE	
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX	



ion

I-5 ET AL. NORTHWEST REGION RAMPS **HMA PAVING & ADA**

RAMP PAVING PLAN

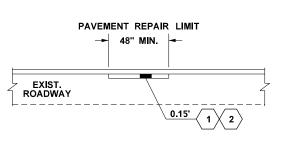
PVPM1 152 SHEETS

Plot 6

PLAN REF NO

		PAVEMENT REPAIR TABLE			
		DESCRIPTION			
NOTE	ALIGNMENT	STATIONING	LENGTH (FT)	WIDTH (FT)	LOCATION
1	FB	47+32 TO 48+79	175	4	RIGHT FOGLINE
2	FB	51+73 TO 49+09	180	4	RIGHT FOGLINE
3	FA	51+55 TO 52+15	60	4	LWP
4	FA	51+88 TO 52+56	72	4	RIGHT FOGLINE





PARTIAL PAVEMENT REPAIR

SEE TABLE FOR LOCATIONS

LEGEND

CONSTRUCTION ALIGNMENT

EDGE OF PAVEMENT

PLANING AND PAVING LIMITS HMA CL. 1/2 IN. PG 58H-22 PLANING BITUMINOUS PAVEMENT

PARTIAL PAVEMENT REPAIR. SEE TABLE

#

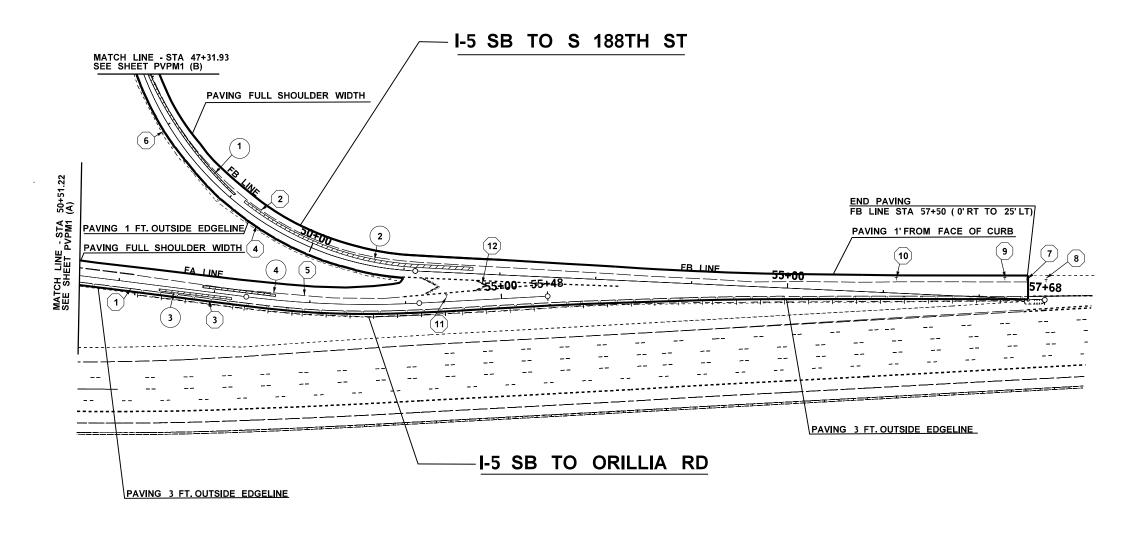
NOTE SEE TABLE

(#)

QUANTITY TAB NOTE

 $\langle \# \rangle$

SEE NOTES



NOTES

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. 3/8 IN. PG 58H-22

FILE NAME	T:\412415\XL6544 - NWR HMA	2023\Working_Folder\Ruby\Mill_Fill_Proof\XL6544_PS_S	PP.dgn						Т
TIME	2:51:33 PM				REGION NO.	STATE	FED.AID	PROJ.NO.	1
DATE	1/16/2024					WASH			١.
PLOTTED BY	KaurR				10	WASH			14
DESIGNED BY	R. KAUR				JOB N				13
ENTERED BY	R. KAUR				23A	013			7
CHECKED BY	S. WU				CONTR	ACT NO.	LOCAT	ION NO.	1
PROJ. ENGR.	K. NDILE								
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RY					



50

	7
	Washington State Department of Transportation
ATE	-

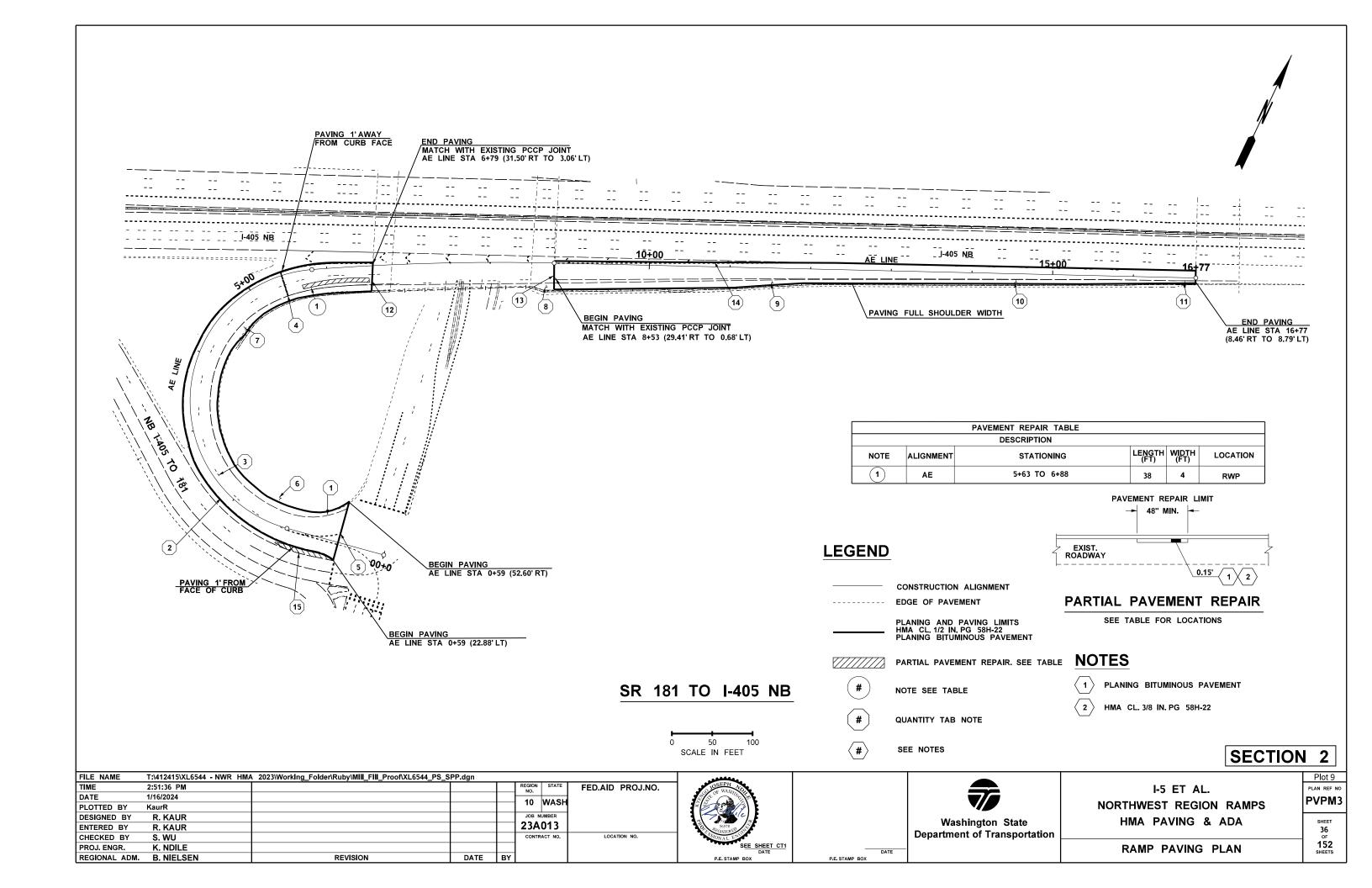
	I-5	ET .	AL.		
NORTHW	EST	REC	SION	RAN	1PS
НМА	PA	VING	&	ADA	

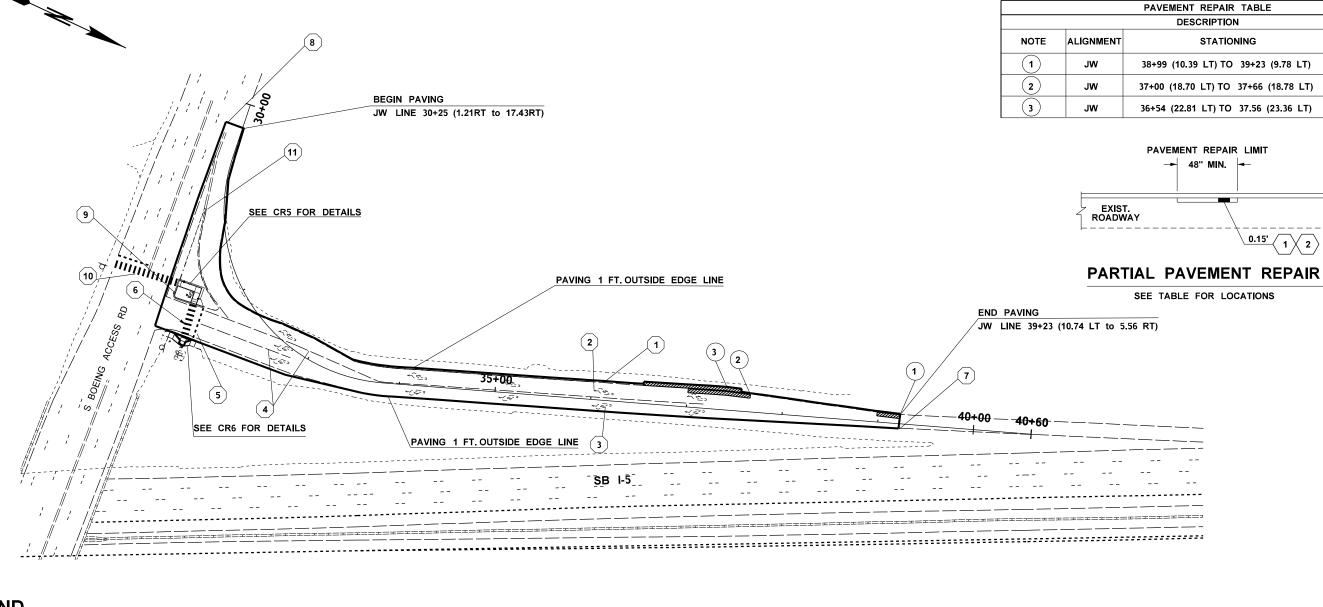
RAMP PAVING PLAN

PVPM2

SHEET
35
of
152
SHEETS

Plot 7





LEGEND

----- EDGE OF PAVEMENT

PLANING AND PAVING LIMITS
HMA CL.1/2 IN.PG 58H-22
PLANING BITUMINOUS PAVEMENT

PARTIAL PAVEMENT REPAIR. SEE TABLE

NOTE SEE TABLE

QUANTITY TAB NOTE

PARTIAL PAVING REPAIR NOTE

I-5 SB TO BOEING ACCESS RD

NOTES

1 PLANING BITUMINOUS PAVEMENT

2 HMA CL. 1/2 IN. PG 58H-22

_		
ō	50	100
	SCALE IN	FEET

FOR ADDITIONAL STATIONS AND OFFSETS SEE SPP4

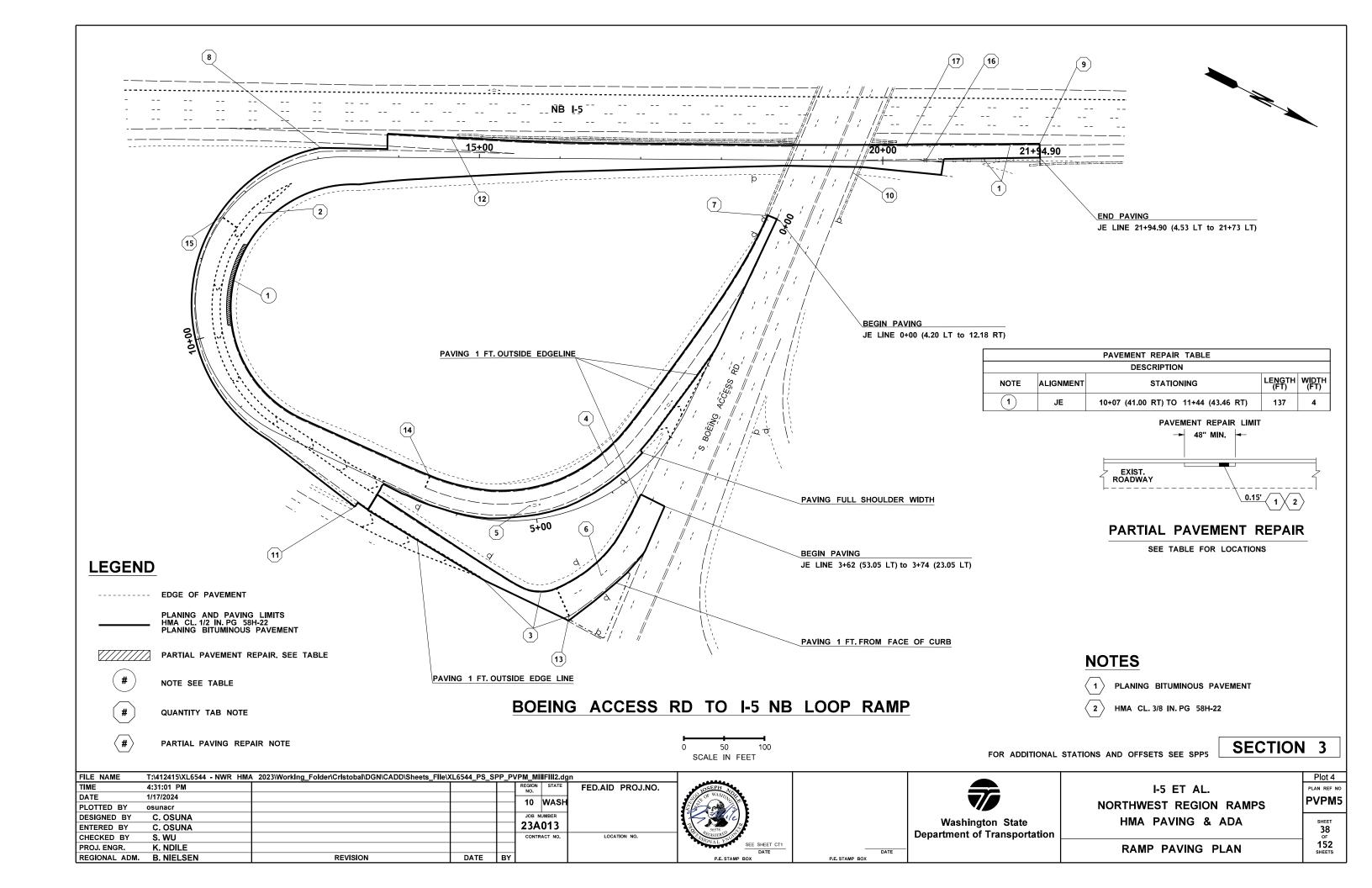
SECTION 3

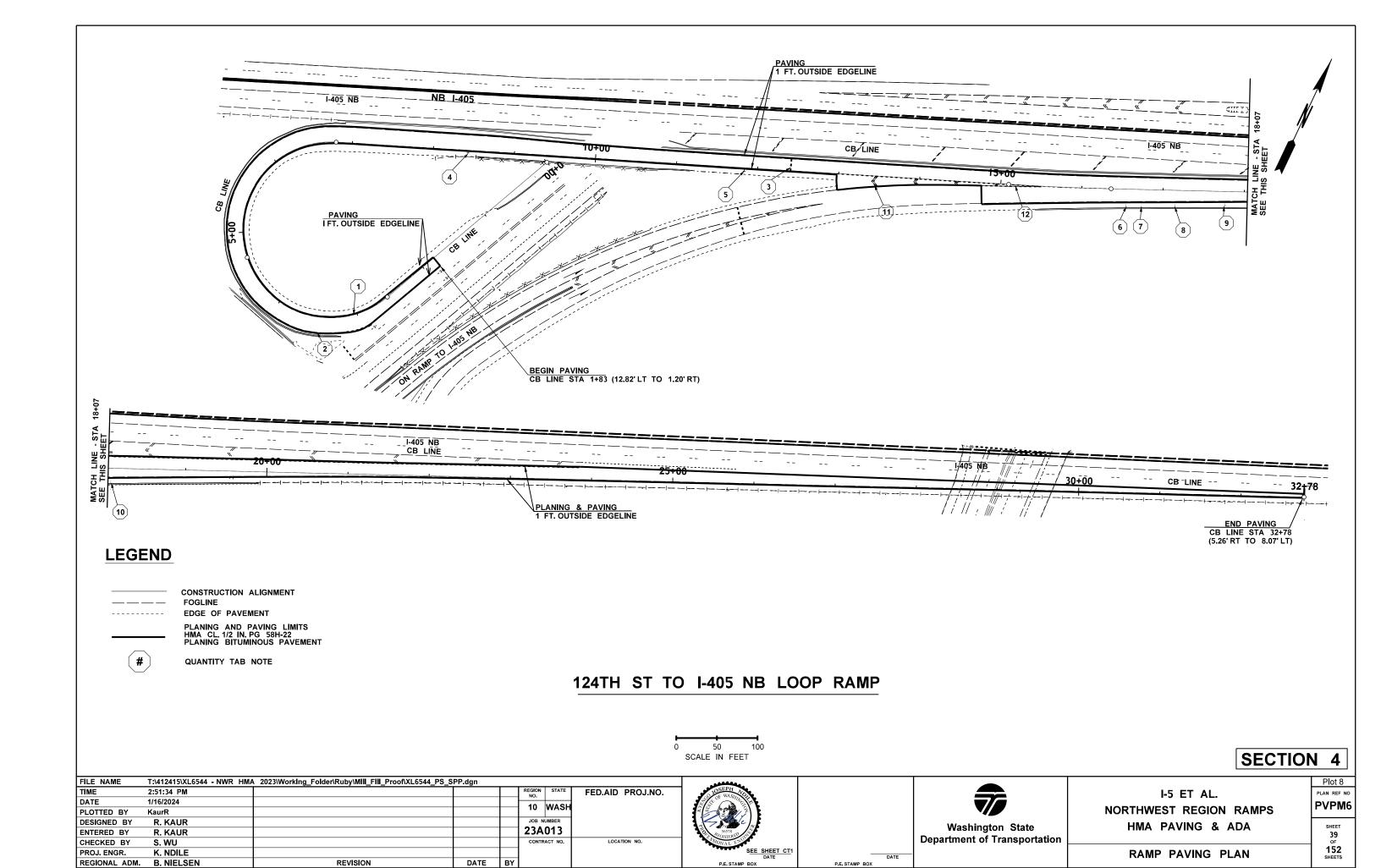
65

102

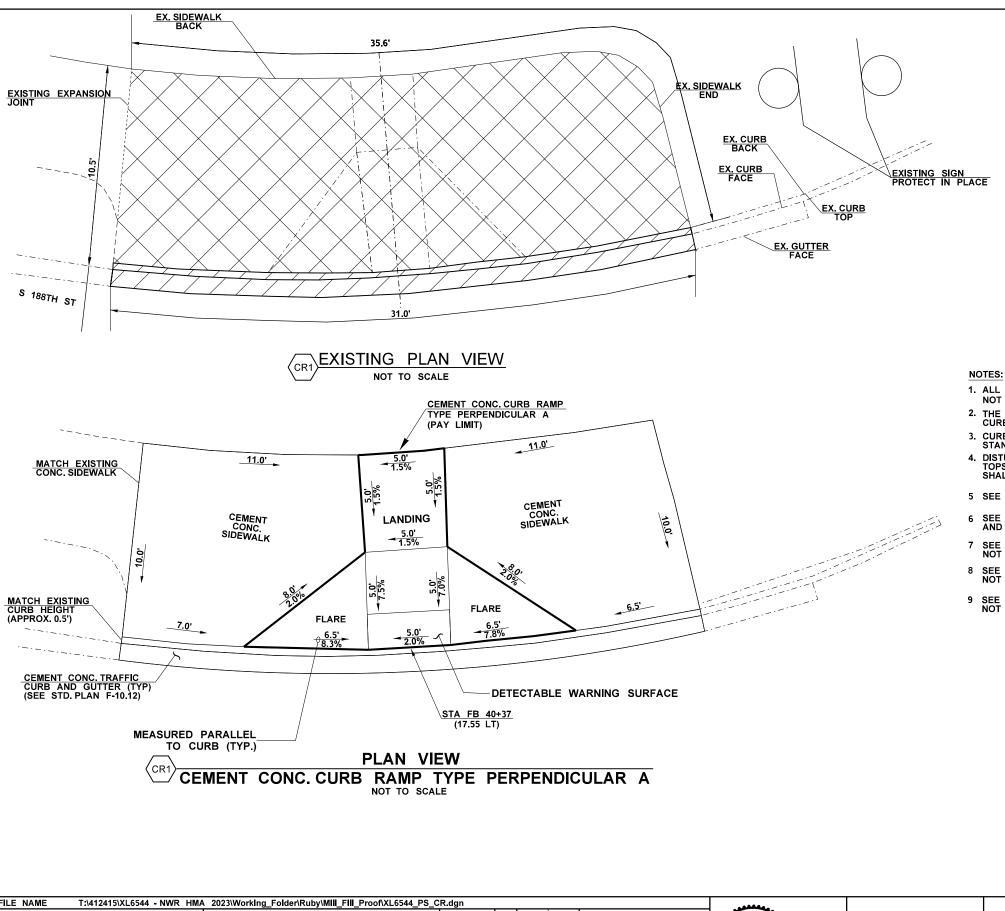
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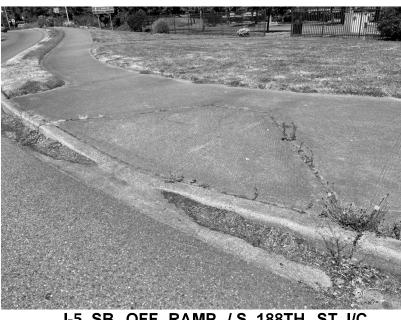
FILE NAME	T:\412415\XL6544 - NWR HMA 2023\Working_Folder\C	rlstobal\DGN\CADD\Sheets_Flle\XL65	544_PS_SPP_P\	VPM_MIIIFIII2.dg	n					Plot 3
TIME	11:23:48 AM			REGION STATE	FED.AID PROJ.NO.	JOSEPH AL			I-5 ET AL.	PLAN REF NO
DATE	1/16/2024			10 WASH		OF WASHING TE				PVPM4
PLOTTED BY	osunacr			J IU WASH					NORTHWEST REGION RAMPS	' ' ' ' ' '
DESIGNED BY	C. OSUNA			JOB NUMBER		(Carle)		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	C. OSUNA			23A013		56578		9		37
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.	COSTERED CO		Department of Transportation		OF
PROJ. ENGR.	K. NDILE			1 1		SEE SHEET CT1 DATE	DATE	_	RAMP PAVING PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN R	EVISION	DATE BY	1 1		P.E. STAMP BOX	P.E. STAMP BOX			SHEETS





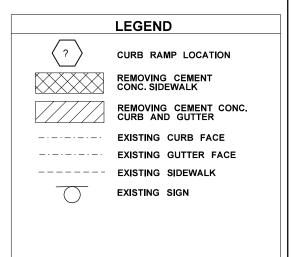
				C	AUQ	ITITY	/ TAI	3ULA	ATION	1 - CI	JRB	RAM	PS					
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	REMOVING CEMENT CONC. SIDEWALK	REMOVING CEMENT CONC. CURB AND GUTTER	REMOVING CEMENT CONC. CURB	REMOVING ASPHALT CONC. PAVEMENT	REMOVING ASPHALT CONC. SIDEWALK	CRUSHED SURFACING BASE COURSE	COMMERCIAL HMA		CEMENT CONC. TRAFFIC CURB AND GUTTER	CEMENT CONC. PEDESTRAIN CURB	CEMENT CONC. SIDEWALK	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	CEMENT CONC. CURB RAMP TYPE PARALLEL A	DETECTABLE WARNING SURFACE	SEE GENERAL NOTES	GENERAL NOTES:	
CODE LOCATION ▼ \ UNIT OF MEASURE ➤ I-5 CR1 FB 40+19(26.59 LT) to 40+51(11.45 LT) CR2 FB 40+58(39.14 RT)to 40+50(16.74 RT) CR3 FA 42+37(72.10 LT) to 43+72(24.01 LT) CR4 FA 42+39(17.25 RT) to 42.64(15.13 RT)	32 19 37 15	L.F. 31 26	64 26	S.Y.	7 4	TON	1 1		L.F. 31 26 64 26	12 53 16	22 4 8 6	EACH 1	EACH 1	2 1	S.F.	1,2,3 1,2,5 1,2,4 1,2,4	1.SEE STANDARD PLAN F-30.10 FOR "CEMICONCRETE SIDEWALK." 2. SEE STRANDARD PLAN F-10.12 FOR "CECONCRETE TRAFFIC CURB AND GUTTER, CEMENT CONCRETE PEDESTRAIN CURB."	MENT AND
CR5 JW 31+75(59.60 RT) to 31+95(47.40 RT) CR6 JW 32+02(83.60RT) to 32+24(64.60 RT)	11 21		51 29	47		8	7		51 29	72 20	22 14	1			22	1,2,6 1,2,3	3. SEE STANDARD PLAN F-40.15 FOR "CEM CONC. PERPENDICULAR CURB RAMP TYP! 4. SEE STANDARD PLAN F-40.12 FOR "CEM CONC. PARALLEL CURB RAMP TYPE A"	EA."
																	5. SEE STANDARD PLAN F-40.16 FOR "CEM CONC. SINGLE DIRECTION CURB RAMP TY 6. SEE STANDARD PLAN F-45.10 FOR "DETECTABLE WARNING SURFACE."	/PE A"
																	7. SEE QTSP1 FOR ADDITIONAL REMOVAL QUANTITIES. 8. SEE QTPS1-QTSP6 FOR ADDITIONALTRAITEM QUANTITIES.	0 0 0 0 0 0
SHEET TOTAL	. 135	57	170	47	11	8	9		227	173	76	2	1	3	22			
DESIGNED BY R. KAUR ENTERED BY C. OSUNA	135	57	170	47	11 REGION NO.	8 STATE WASH	9	PROJ. NO.	227	173	76	2	1 1 Washington Department	3	22		I-5 ET AL NORTHWEST REGION RAMPS HMA PAVING & ADA	QTCR 1
CHECKED BY S. WU PROJ. ENGR. K. NDILE REGION ADM. B. NIELSEN DATE DATE		REVISION		BY	JOB NU 23A CONTRA	013							epartment	oi iranspo	i LALION	QU	IANTITY TABULATION - CURB RAMPS	40 OF 152 SHEETS



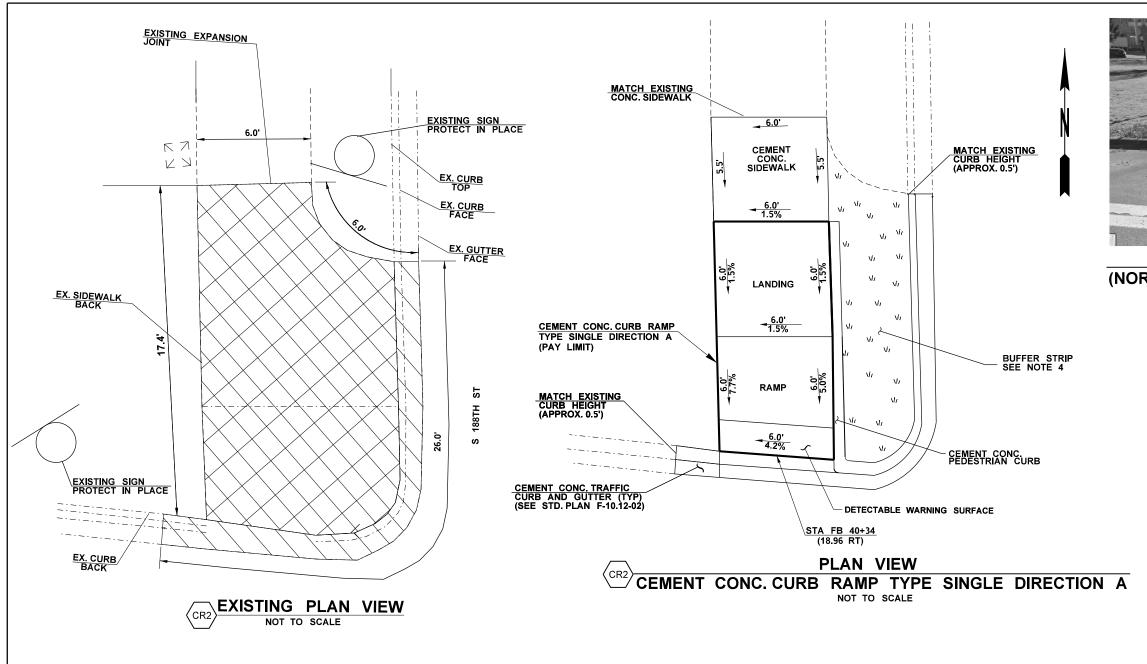


I-5 SB OFF RAMP / S. 188TH ST. I/C (NORTHWEST CORNER LOOKING NORTHWEST)

- 1. ALL DIMENSIONS ARE FOR INFORMATION ONLY, CURB RAMPS SHALL BE CONSTRUCTED TO NOT EXCEED NOTED SLOPES.
- 2. THE BID ITEM "CEMENT CONC. CURB RAMP" DOES NOT INCLUDE THE ADJACENT CURB AND GUTTER, PEDESTRIAN CURB, OR SIDEWALK.
- CURB RAMPS AND LANDINGS SHALL RECEIVE A BROOM FINISH, SEE STANDARD SPECIFICATIONS 8-14.3(3).
- 4. DISTURBED PLANTING AREAS SHALL BE RESTORED WITH TOPSOIL AND SEEDED LAWN, TOPSOIL AND BARK, OR WOOD CHIP MULCH AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE COVERED UNDER "ROADSIDE CLEANUP".
- 5 SEE STANDARD PLAN F-30.10 FOR CEMENT CONCRETE SIDEWALK DETAILS.
- 6 SEE STANDARD PLAN F10.12 FOR CURB, CURB AND GUTTER, DEPRESSED CURB AND GUTTER AND PEDESTRIAN CURB DETAILS.
- 7 SEE STANDARD PLAN F-40.15 "PERPENDICULAR TYPE A CURB RAMP" FOR ADDITIONAL DETAILS
- 8 SEE STANDARD PLAN F-40.16 "SINGLE DIRECTION A CURB RAMP" FOR ADDITIONAL DETAILS
- 9 SEE STANDARD PLAN F-40.12 "PARALLEL CURB RAMP" FOR ADDITIONAL DETAILS



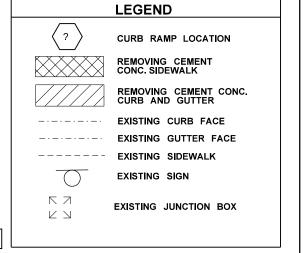
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TIME	1:19:47 PM			REGION STATE	FED.AID PROJ.NO.	OSEPH AND			I-5 ET AL.	PLAN REF NO
DATE	1/12/2024			10 WASH		To the state of th				CR1
PLOTTED BY	KaurR			IU WASH					NORTHWEST REGION RAMPS	U OIK!
DESIGNED BY	R. KAUR			JOB NUMBER		(le)		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	R. KAUR			23A013		\$ 56578 4 56578				41
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.	SSIONAL ESCA		Department of Transportation		OF
PROJ. ENGR.	K. NDILE					SEE SHEET CT1	DATE	-	CURB RAMP PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	ВҮ		P.E. STAMP BOX	P.E. STAMP BOX			SHEETS



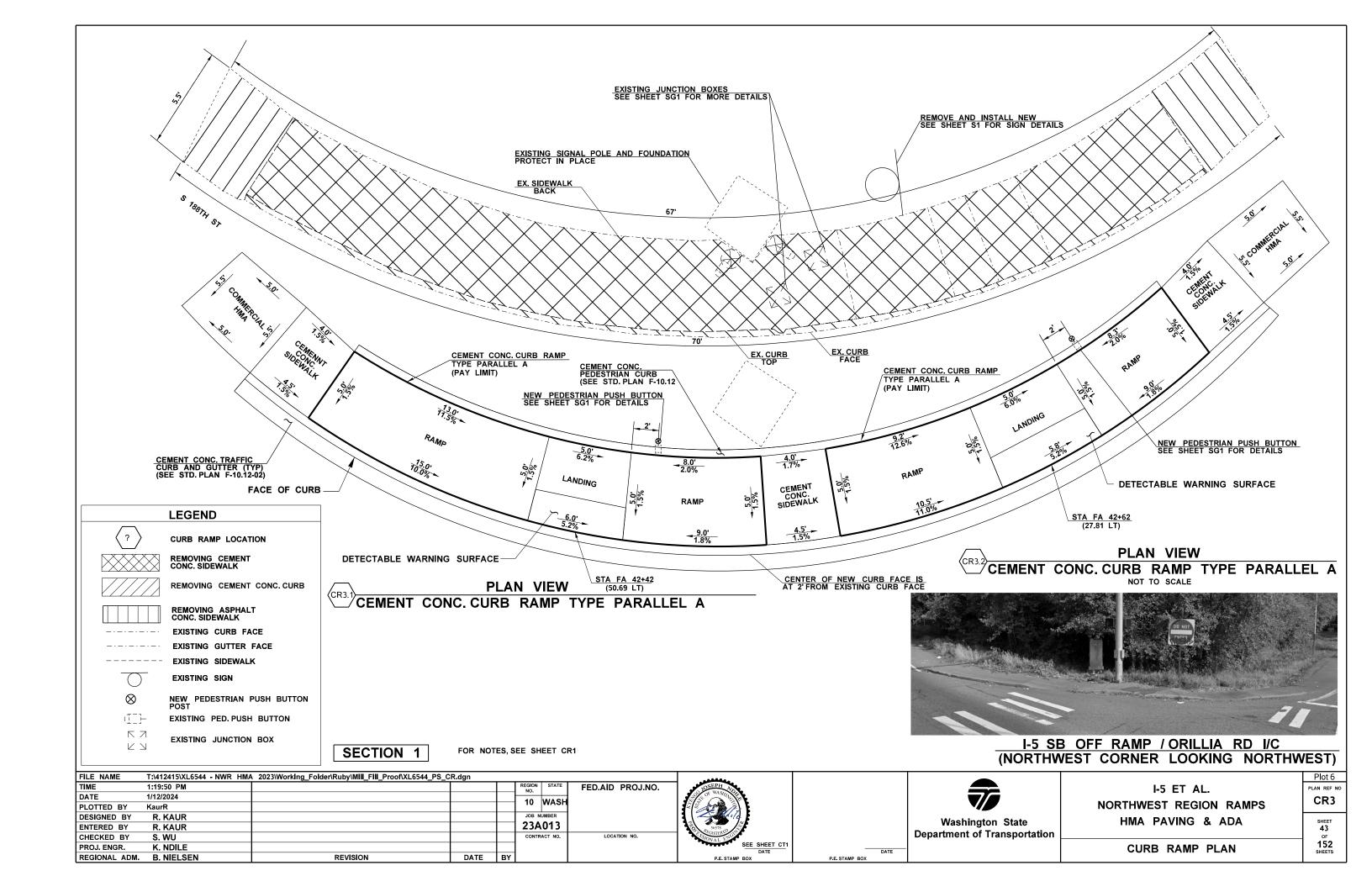


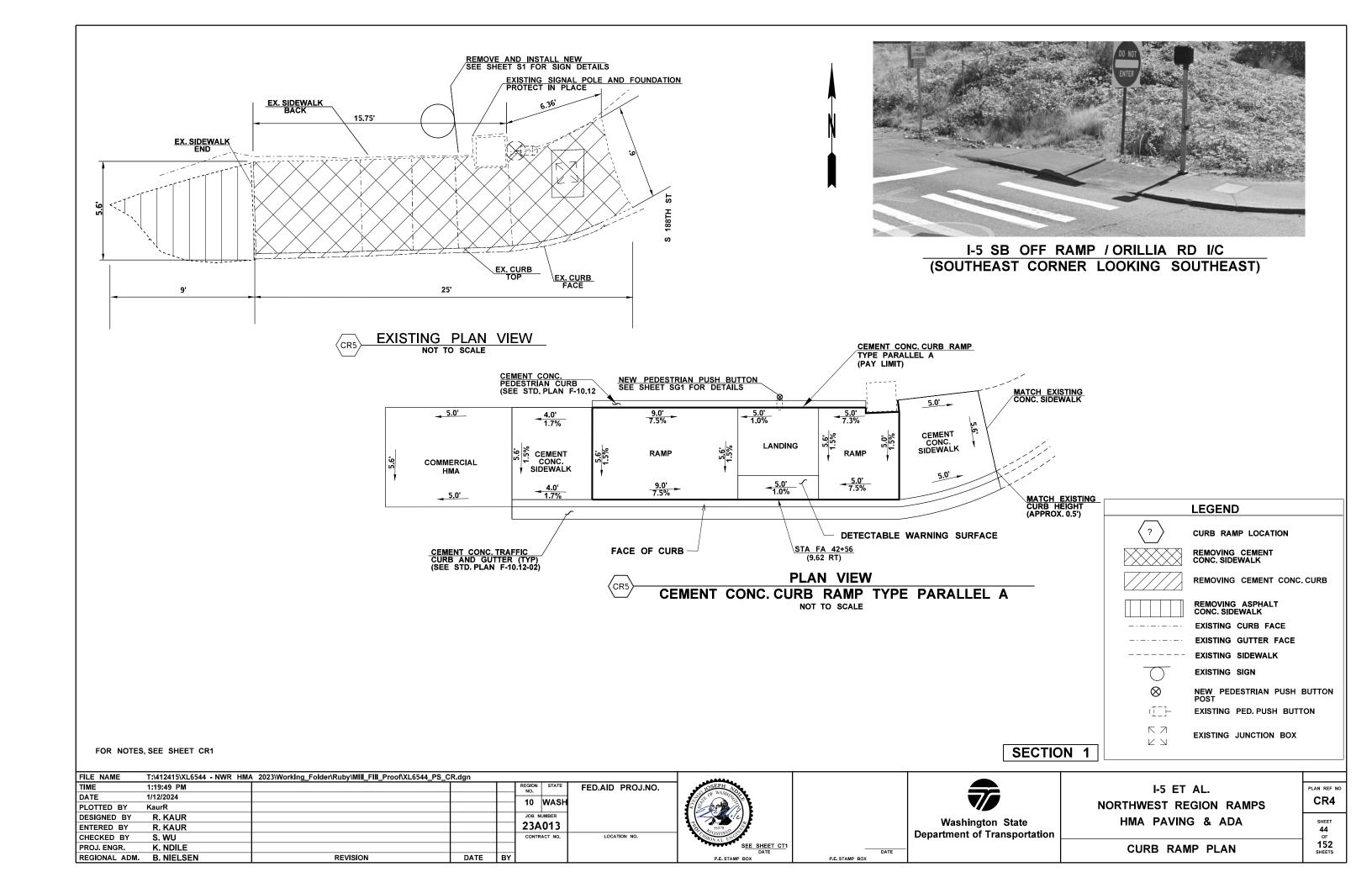
I-5 SB OFF RAMP / S. 188TH ST. I/C (NORTHEAST CORNER LOOKING NORTHEAST)

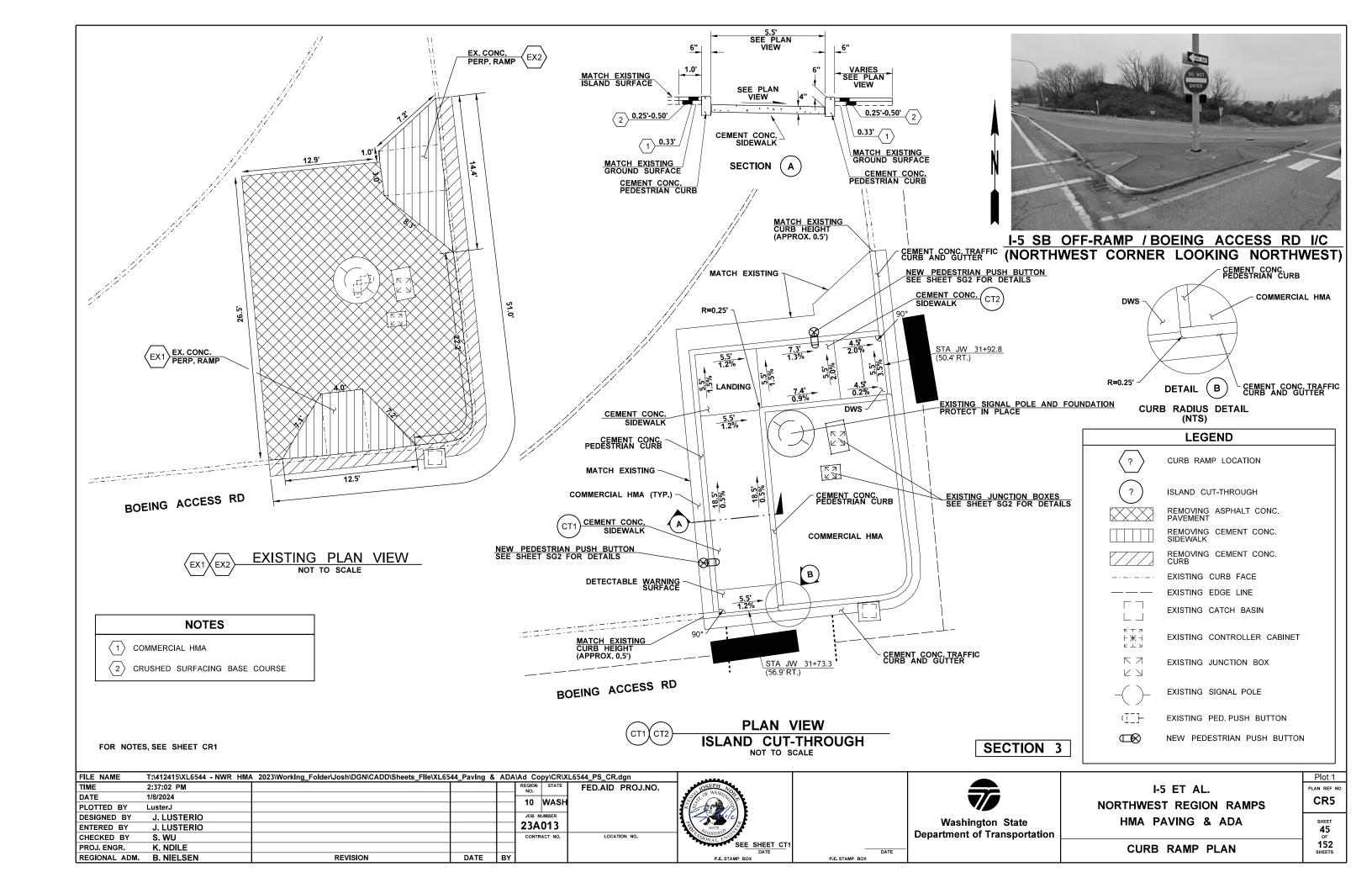
FOR NOTES, SEE SHEET CR1

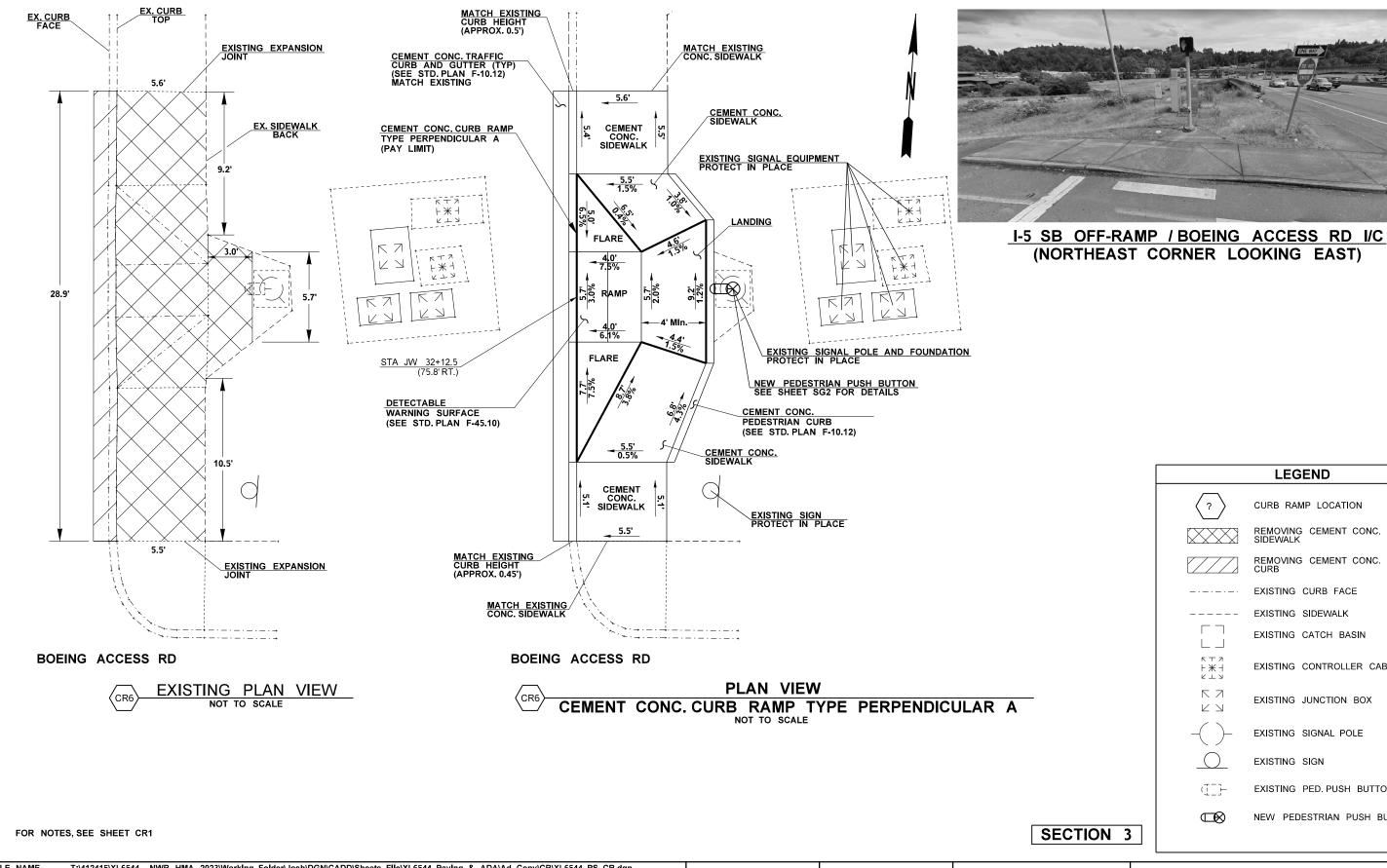


FILE NAME	T:\412415\XL6544 - NWR HM	A 2023\Working_Folder\Ruby\MIII_FIII_Proof\XL6544_PS_0	CR.dgn							Plot 2
TIME	1:19:48 PM			REGION STATE	FED.AID PROJ.NO.	USEPH A			I-5 ET AL.	PLAN REF NO
DATE	1/12/2024			10 WASH		Se or wasting the				CR2
PLOTTED BY	KaurR			IU WASH					NORTHWEST REGION RAMPS	0112
DESIGNED BY	R. KAUR			JOB NUMBER		Mily		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	R. KAUR			23A013		56578 4, 56578		3	I IIIIA I AVIINO & ADA	42
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.	SONAL ENGLY		Department of Transportation		OF
PROJ. ENGR.	K. NDILE					SEE SHEET CT1	DATE	-	CURB RAMP PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			J SILLETS









EXISTING CATCH BASIN EXISTING CONTROLLER CABINET $\Gamma \supset$ EXISTING JUNCTION BOX \vee EXISTING SIGNAL POLE EXISTING SIGN EXISTING PED. PUSH BUTTON $\square \otimes$ NEW PEDESTRIAN PUSH BUTTON SECTION 3

LEGEND

CURB RAMP LOCATION

REMOVING CEMENT CONC. SIDEWALK

REMOVING CEMENT CONC. CURB

EXISTING CURB FACE

EXISTING SIDEWALK

FILE NAME	T:\412415\XL6544 - NWR HM/	A 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL6	544_PavIng &	ADA\Ad Cop	y\CR\XL	_6544_PS_CR.dgn					Plot 2
TIME	2:37:03 PM			REGION NO.	STATE	FED.AID PROJ.NO.	IOSEPH AV			I-5 ET AL.	PLAN REF NO
DATE	1/8/2024			10	WASH		Se of Masting En				CR6
PLOTTED BY	LusterJ			10	WASH					NORTHWEST REGION RAMPS	0110
DESIGNED BY	J. LUSTERIO			JOB NU			Jule 1		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A0)13		56578		_		46
CHECKED BY	S. WU			CONTRA	CT NO.	LOCATION NO.	SSONAL ENGLY		Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE						SEE SHEET CT1	DATE	-	CURB RAMP PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			3

CONSTRUCTION NOTES:

		ITS Legend —
Existing	New	
M		NEMA Junction Box
_{لا} یم دیا		Type 1 Junction Box
<u> </u>		Type 2 Junction Box
اري د ا		Type 3 Junction Box
ראז ג'א		Type 4 Junction Box
r <u>a</u> 1		Type 5 Junction Box
M		Type 6 Junction Box
83		Type 7 Junction Box
F 548 1 mm 6 290		Type 8 Junction Box
[C <u>V</u>]	CV	ITS Cable Vault
[PB]	PB	ITS Pull Box
		Transformer Cabinet
L T J		Controller Cabinet
F+4	_	Camera Cabinet
	O	R1 Induction Loop
[]		Type 2 Induction Loop
0-0	0-0	R2 and R1S Induction Loop
C)	0	R1W Induction Loop
523%		CCTV Camera
		Conduit
		Span Wire
SEG		Electrical Service Cabinet
-⊖-		Camera Pole

- REMOVE EXISTING LOOP SPLICE(S). INSTALL STUB-OUT CONDUITS AS NECESSARY TO MEET REQUIREMENTS OF WSDOT STANDARD PLAN J-50.15 AND TABLE A ON SHEET ITSD2. SPLICE NEW LOOP WIRE(S) TO CORRESPONDING NEW OR EXISTING DETECTOR LEAD-IN(S) IN THE JUNCTION BOX IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISION, WSDOT STANDARD PLAN J-50.19, AND ITS DETAILS SHEET ITSD2.
- (2) INSTALL TYPE R1 INDUCTION LOOP VEHICLE DETECTOR IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISIONS, ITS DETAILS SHEET ITSD2 AND WSDOT STANDARD PLAN J-50.13.
- INSTALL TYPE R3S STOP LINE LOOP ARRAY IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISIONS, ITS DETAILS SHEET ITSD2 AND WSDOT STANDARD PLAN J-50.13.
- 4 INSTALL TYPE R1S INDUCTION LOOP VEHICLE DETECTORS IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISIONS, ITS DETAILS SHEET ITSD2 AND WSDOT STANDARD PLAN J-50.13.
- (5) INSTALL TYPE R1W INDUCTION LOOP VEHICLE DETECTOR IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTORS SPECIAL PROVISIONS, ITS DETAILS SHEET ITSD2 AND WSDOT STANDARD PLAN J-50.13.
- $\overline{\left(6\right)}$ Existing es cabinet, test loops in accordance with the special provisions.
- \langle 7 angle test the distribution fiber optic cable after fiber is spliced in accordance with the fiber optic cable testing special provision.
- 8 SEE TSG PLAN FOR INSTALLATION.
- DISCONNECT EXISTING 24 SMFO AND REMOVE CABLE BACK TO 005es15240. PULL BACK THE OTHER TWO EXISTING 24 SMFO CABLES TO THE NEW CV AND STORE FOR PERMANENT PHASE.
- (10) SPLICE FIBER IN AN APPROVED SPLICE CLOSURE IN THE CABLE VAULT PER THE DETAILS ON SHEETS ITSD1-ITSD3.
- (11) INSTALL A 24 PORT PRETERMINATED FIBER OPTIC PATCH PANEL IN THE EXISTING SIGNAL CABINET 005ts15228 (SIG-047).
- $\langle 12
 angle$ remove conduits and elbows after cost fiber is rerouted per the plan and wire notes.
- (13) PULL 2-24 SMFO BACK TO TYPE 2 JUNCTION BOX WHILE CABLE VAULT IS INSTALLED, THEN REINSTALL 2-24 SMFO TO CABLE VAULT AND STORE FOR PERMANENT INSTALLATION.
- 14 NOT USED.
- 15 REINSTALL EXISTING FIBER IN CONDUIT PATH SHOWN PER THE PLAN AND WIRE NOTES.
- (16) NOT USED.
- (17) DISCONNECT 24 SMFO TO 005ts15228 AND REMOVE. DISCONNECT 24 SMFO TO SEATAC CITY HALL AND PULL BACK TO THE NEW CABLE VAULT NEAR 005ts15228 AND STORE UNTIL PERMANENT INSTALLATION.
- OPEN THE EXISTING SPLICE CLOSURE IN THE EXISTING CABLE VAULT AND SPLICE THE NEW CABLE AND EXISTING CABLE PER THE DETAILS ON SHEETS ITSD1-ITSD3. RESEAL CLOSURE USING FACTORY RE-ENTRY KIT.

ABBREVIATIONS:

ADA AMERICANS WITH DISABILITY ACT B BLACK C CONDUCTOR CAB CABINET CCC CAMERA CONTROL CABLE CCTV CLOSED CIRCUIT TELEVISION COMM COMMUNICATION COST CITY OF SEATAC C(S) CONDUCTOR SHIELDED E.V.P EMERGENCY VEHICLE PREEMPTION EX EXISTING FT FEET ILL ILLUMINATION ITS INTELLIGENT TRANSPORTATION SYSTEM	JBOX MAX. MOD NB NO. N.T.S O PDA PED PPB PR PIV RD	JUNCTION BOX MAXIMUM MODIFIED NORTH BOUND NUMBER NOT TO SCALE ORANGE POWER DISTRIBUTION ASSEMBLY PEDESTRIAN PEDESTRIAN PAIR PEDESTRIAN/VEHICLE ROAD	SIG SP SR SS ST STD TB TYP V VC VEH VIC VZ	SIGNAL SPARE STATE ROUTE STAINLESS STEEL STREET STANDARD TERMINAL BLOCK TYPICAL VOLT VIDEO CAMERA VEHICLE VICINITY VIDEO ZONE
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FILE NAME	T:\414121\Traffic Design_PRO	DJECTS\Varles\XL 6544 NWR HMA Ramps Crack Seal a	nd Pavement	Repair 2023\CAD\XL	6544_PS_ITS.dgn					Plot 1
TIME	2:11:30 PM			REGION STATE	FED.AID PROJ.NO.	THOMAS			I-5 ET AL.	PLAN REF NO
DATE	1/17/2024			10 WASH		OF WASHING			· · · · · · · · · · · · · · · · · · ·	ITSN1
PLOTTED BY	RothSo			III WASH					NORTHWEST REGION RAMPS	115111
DESIGNED BY	S. ROTH			JOB NUMBER		greg reen		Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	S. ROTH			23A013		33211		9		47
CHECKED BY	E. HAVENS			CONTRACT NO.	LOCATION NO.	ONAL ENGINE		Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE					SEE SHEET CT1 DATE	- DATE		ITS NOTES	152 SHEETS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RV		DE STAND BOY	DE STAND DOY			SHEETS

RUN NO.	EXISTING CONDUIT	NE W CONDUIT	EXISTING CONDUCTOR	NEW CONDUCTOR	REMARK
			1-24 SMFO		TO 005+s15228 *REMOVE*
١.	2''		1-CAT 6		TO SIG-046
1	2		1 - CCC		005vc15225
			1-24 SMFO		PULLBACK FROM 005es15240 TO CV NEAR 005†s15228
	- //		1-24 SMFO		TO 005†s15228 *REMOVE*
2	2''		1-24 SMFO		PULLBACK FROM 005es15240 TO CV NEAR 005†s15228
			1-24 SMFO		TO 005†s15228 *REMOVE*
3	3′′		1-24 SMFO		PULLBACK FROM 005es15240 TO CV NEAR 005†s15228
			SIGNAL CABLES		SEE SIGNAL PLAN
			1-24 SMF0		TO 005†s15228 *REMOVE*
4	4′′		1-24 SMF0		PULLBACK FROM 005es15240 TO CV NEAR 005†s15228
			SIGNAL CABLES		SEE SIGNAL PLAN
5	2"		1-24 SMF0		TO COST SIGNAL *PULL BACK AND REINSTALL*
٦	۷		1-24 SMFO		TO COST CITY HALL *PULL BACK AND REINSTALL*
_	1"		1-24 SMF0		PULLBACK FROM 005†s15228 TO CV
6	1		1-24 SMF0		PULLBACK FROM 005es15240 TO CV NEAR 005†s15228
7	2''		1-24 SMF0		TO COST SIGNAL
_ ′	2		1-24 SMF0		TO COST CITY HALL
			1-24 SMF0		TO COST SIGNAL
8	3"		1-24 SMF0		TO COST CITY HALL
	J		SIGNAL CABLES		SEE SIGNAL PLAN
			1-24 SMFO		TO COST SIGNAL
9	2"		1-24 SMFO		TO COST CITY HALL
9	2		1-6 TWP		SIGNAL INTERCONNECT
10	2''		1-24 SMFO		TO COST CITY HALL
10	_		1-6 TWP		SIGNAL INTERCONNECT
1 1	2"		1-24 SMFO		TO COST CITY HALL

RUN NO.	EXISTING CONDUIT	NEW CONDUIT	EXISTING CONDUCTOR	NEW CONDUCTOR	REMARK
				1-24 SMFO	TO 005†s15228
21	2"		1-CAT 6		TO 005†s15227
	-		1 - CCC		005vc15225
			1-24 SMF0		TO COST CITY HALL *REINSTALL
22	2''			1-24 SMFO	TO 005†s15228
22			1-24 SMFO		TO COST CITY HALL *REINSTALL
23	NOT USED				
0.4		3′′	1-24 SMF0		TO COST CITY HALL *REINSTALL
24		SEE SIG PLAN		1-24 SMFO	TO 005†s15228
25	NOT USED				
26		2''		1-24 STUB	PRETERM PANEL STUB
27	2''		1-24 SMFO		TO COST CITY HALL
21			1-24 SMFO		TO COST SIGNAL
			SIGNAL CABLES		
28	3′′		1-24 SMFO		TO COST CITY HALL
			1-24 SMFO		TO COST SIGNAL
			1-6 TWP		SIGNAL INTERCONNECT
29	2"		1-24 SMFO		TO COST CITY HALL
			1-24 SMFO		TO COST SIGNAL
30	2''		1-24 SMF0		TO COST CITY HALL
1 30	'		1-6 TWP		SIGNAL INTERCONNECT
31	2''		1-24 SMF0		TO COST CITY HALL

FILE NAME	T:\414121\Trafflc Design_PRC)JECTS\Varles\XL	6544 NWR HM	IA Ramps Crack	Seal ar	nd Pavement	Repa	ılr 2023	\CAD\XL	.6544_PS_ITS.dgn	
TIME	2:11:33 PM							REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	1/17/2024								WASH		
PLOTTED BY	RothSo							יי ן	WASH		
DESIGNED BY	S. ROTH								NUMBER		
ENTERED BY	S. ROTH							23A	.013		
CHECKED BY	E. HAVENS							CONTI	RACT NO.	LOCATION NO.	
PROJ. ENGR.	K. NDILE										
REGIONAL ADM.	B. NIELSEN		REVISION	N		DATE	BY				



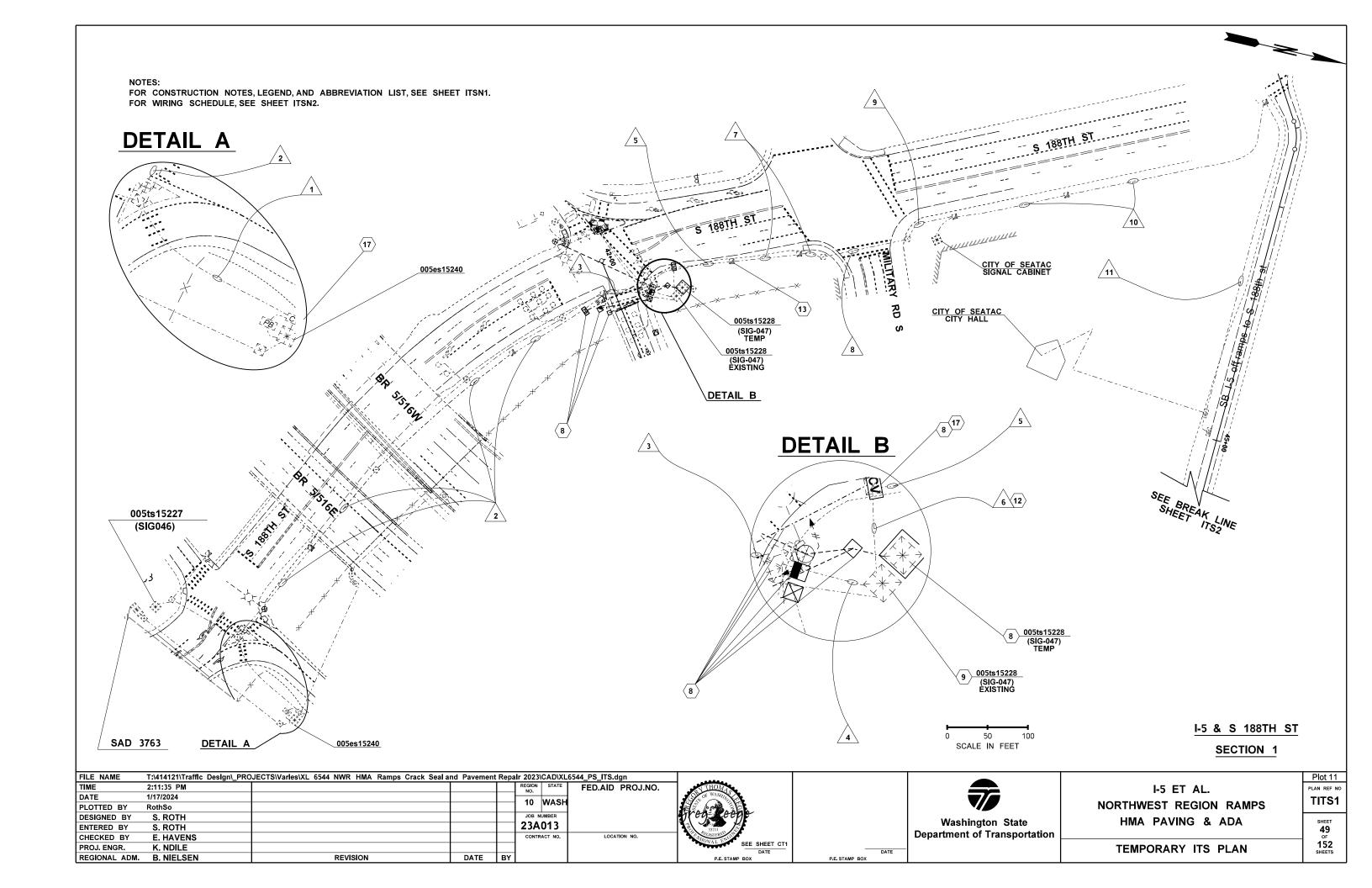


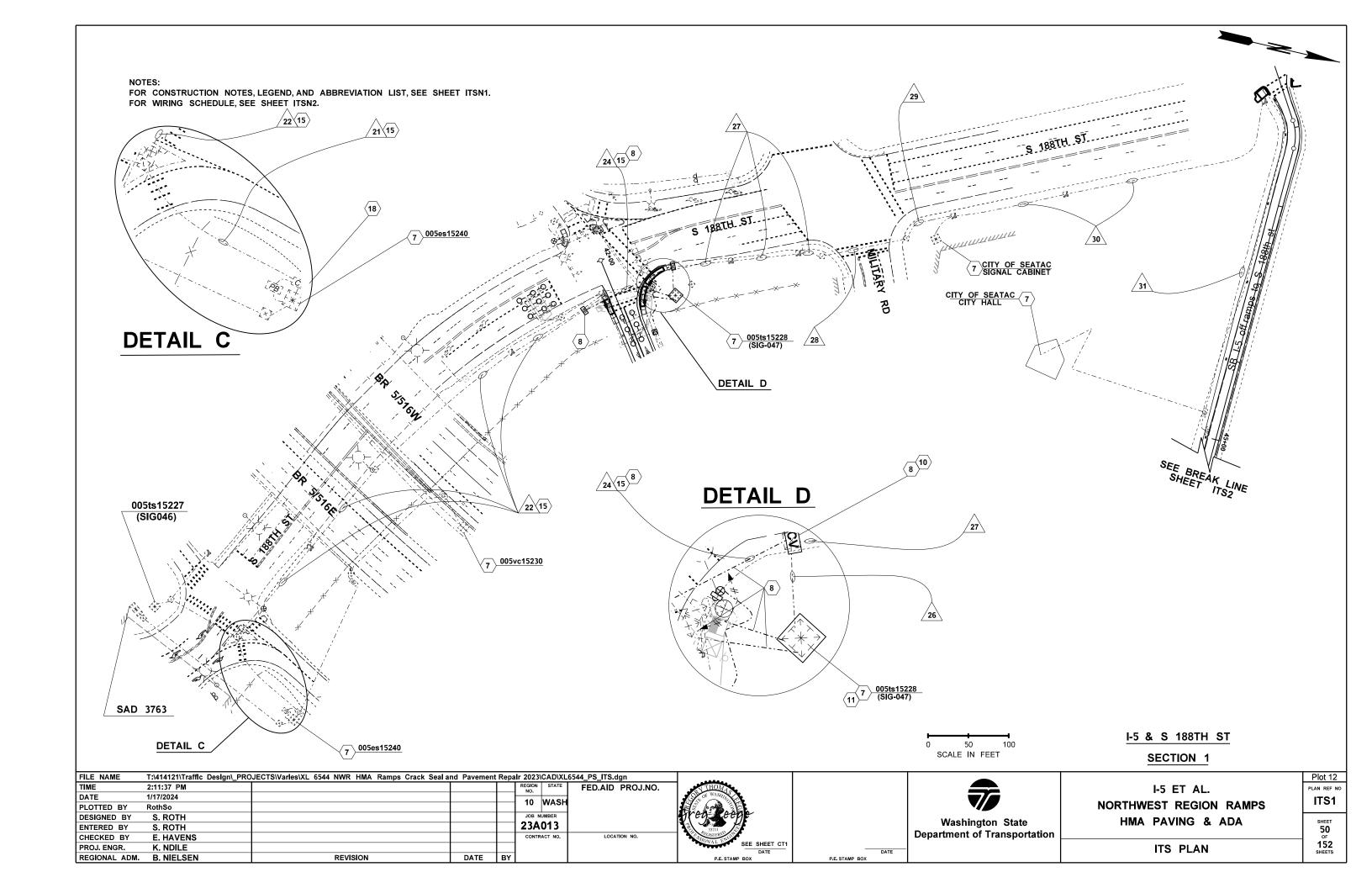
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NORTHWEST REGION RAMPS
HMA PAVING & ADA

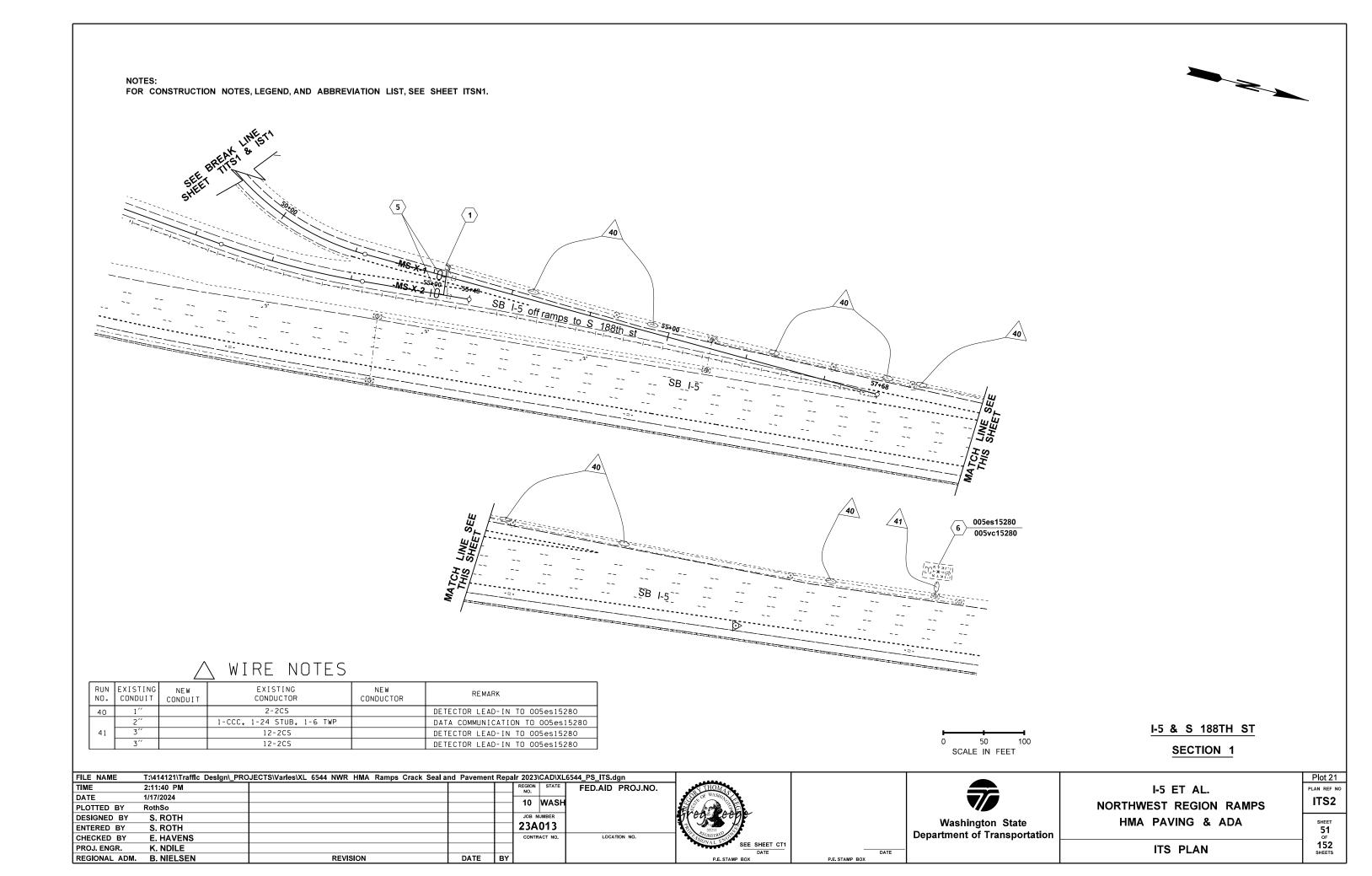
ITS NOTES

Plot 2
PLAN REF NO
ITSN2

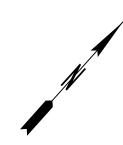
48 of 152 sheets

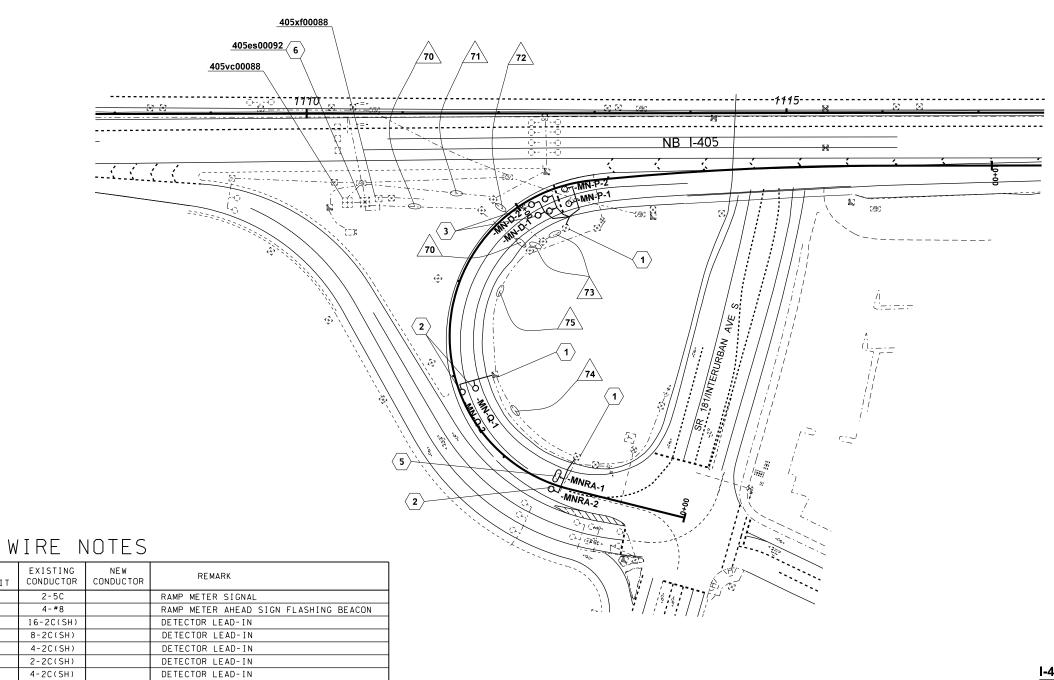






FOR CONSTRUCTION NOTES, LEGEND, AND ABBREVIATION LIST, SEE SHEET ITSN1.





RUN EXISTING NO. CONDUIT EXISTING CONDUCTOR CONDUIT 2-5C 4-#8 71 21/2 16-2C(SH) 72 8-2C(SH) 73 4-2C(SH) 74 2-2C(SH)

RAMP METER AHEAD SIGN FLASHING BEACON

T:\414121\Traffic Design_PROJECTS\Varies\XL 6544 NWR HMA Ramps Crack Seal and Pavement Repair 2023\CAD\XL6544_PS_ITS.dgn

NEW

FILE NAME

4-2C(SH)

4-#8

50 SCALE IN FEET

I-405 & SR 181/ INTERURBAN AVE S SECTION 2

TIME	2:11:42 PM				REGION STATE	FED.AID PROJ.NO.	THOMA		
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DESIGNED BY	S. ROTH				JOB NUMBER		7(60)		Washington State
ENTERED BY	S. ROTH				23A013		33211		, •
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PROJ. ENGR.	K. NDILE						SEE SHEET CT1 DATE	DATE	-
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX	



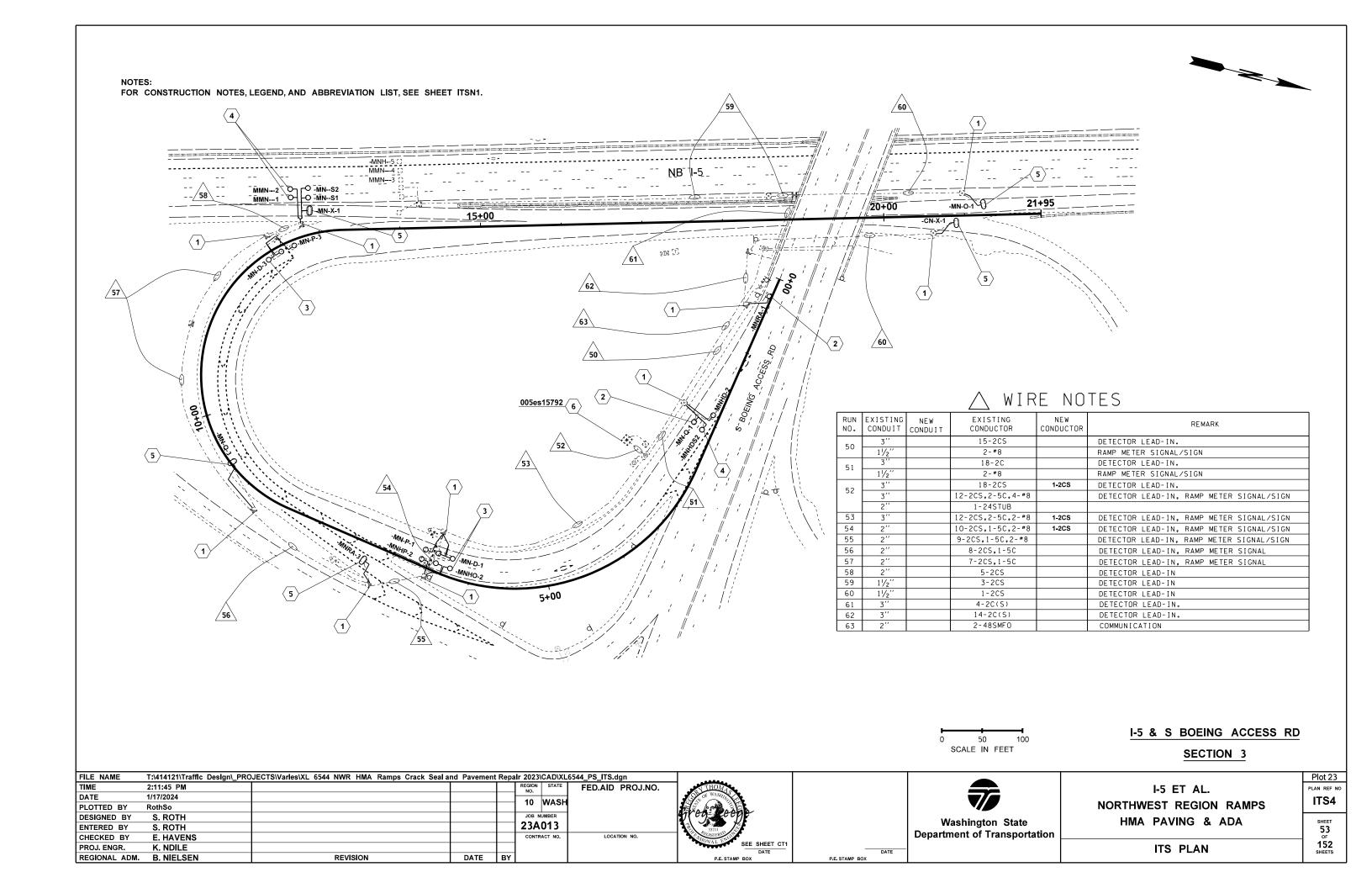
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I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA

52 OF 152 SHEETS ITS PLAN

Plot 22

PLAN REF NO ITS3



NOTES: FOR CONSTRUCTION NOTES, LEGEND, AND ABBREVIATION LIST, SEE SHEET ITSM1. -MN-D-30-0 -MN-P-3 83)-MN-M-1 .⊃⁄⊙ - **(5)** 405xf02029 6 405es02047 \405vc02030 WIRE NOTES RUN EXISTING EXISTING NEW REMARK NO. CONDUCTOR CONDUIT CONDUCTOR 2-2C(SH) DETECTOR LEAD-IN 2" RAMP METER SIGNAL DETECTOR LEAD-IN 10-2C(SH) 3-5C RAMP METER SIGNAL 3′′ 81 3-3C RAMP METER HEAD SIGN FLASHING BEACON 24-2C(SH) DETECTOR LEAD-IN 9-2C(SH) DETECTOR LEAD-IN 82 1-48SMF0 COMMUNICATION 1 - 3C RAMP METER HEAD SIGN FLASHING BEACON 1-2C(SH) 1 - 3C RAMP METER HEAD SIGN FLASHING BEACON 84 24-2C(SH) DETECTOR LEAD-IN 85 1-2C(SH) DETECTOR LEAD-IN LOOP LEAD-IN I-405 & NE 124TH ST 50

FED.AID PROJ.NO.

LOCATION NO.

10 WASH

JOB NUMBER

DATE BY

23A013

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ENTERED BY

CHECKED BY

PROJ. ENGR.

DESIGNED BY

2:11:48 PM

S. ROTH

S. ROTH

K. NDILE

E. HAVENS

1/17/2024

RothSo

REGIONAL ADM. B. NIELSEN

TIME

DATE

Washington State
Department of Transportation

SCALE IN FEET

DATE

I-5 ET AL. NORTHWEST REGION RAMPS **HMA PAVING & ADA**

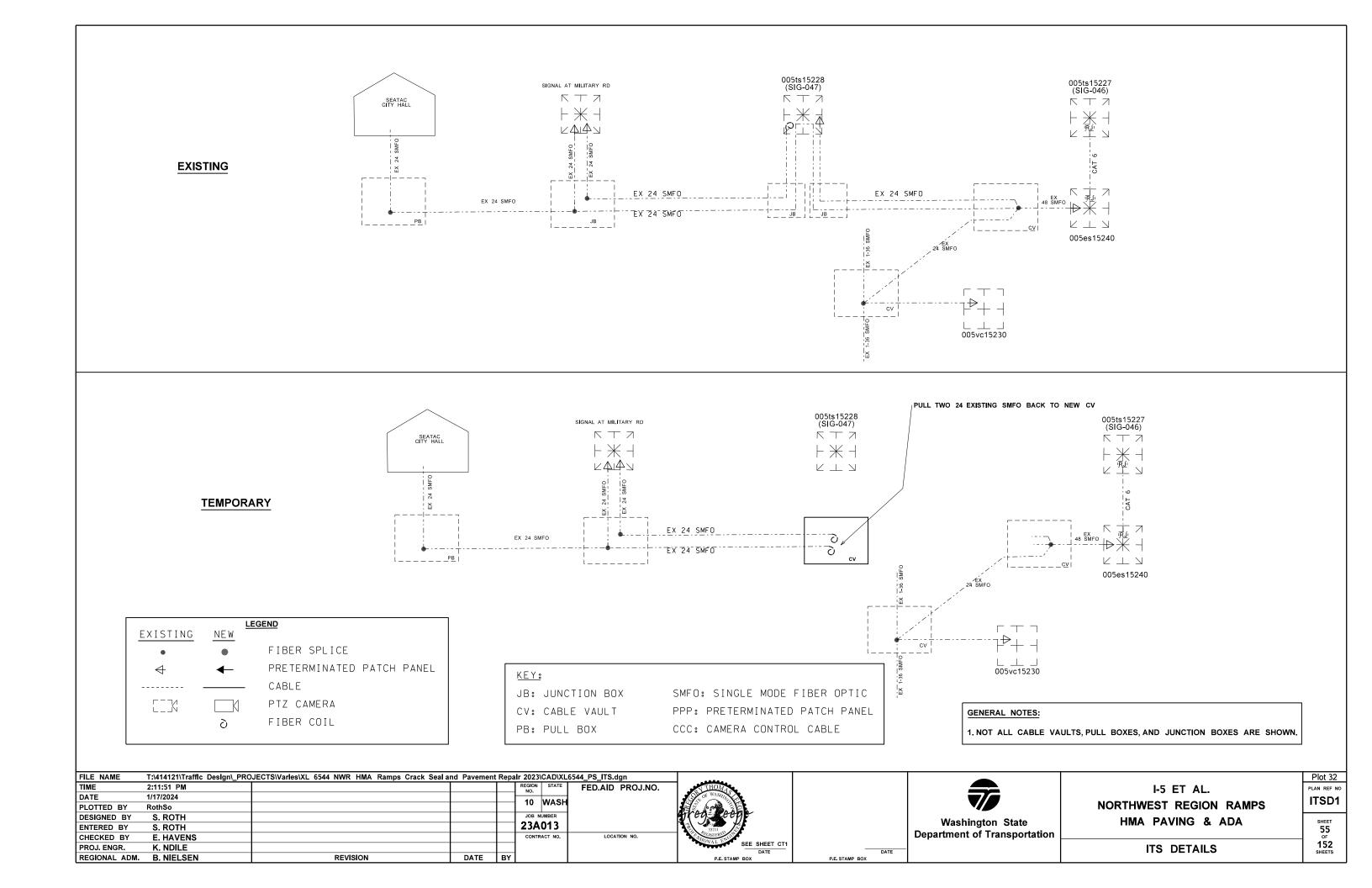
SECTION 4

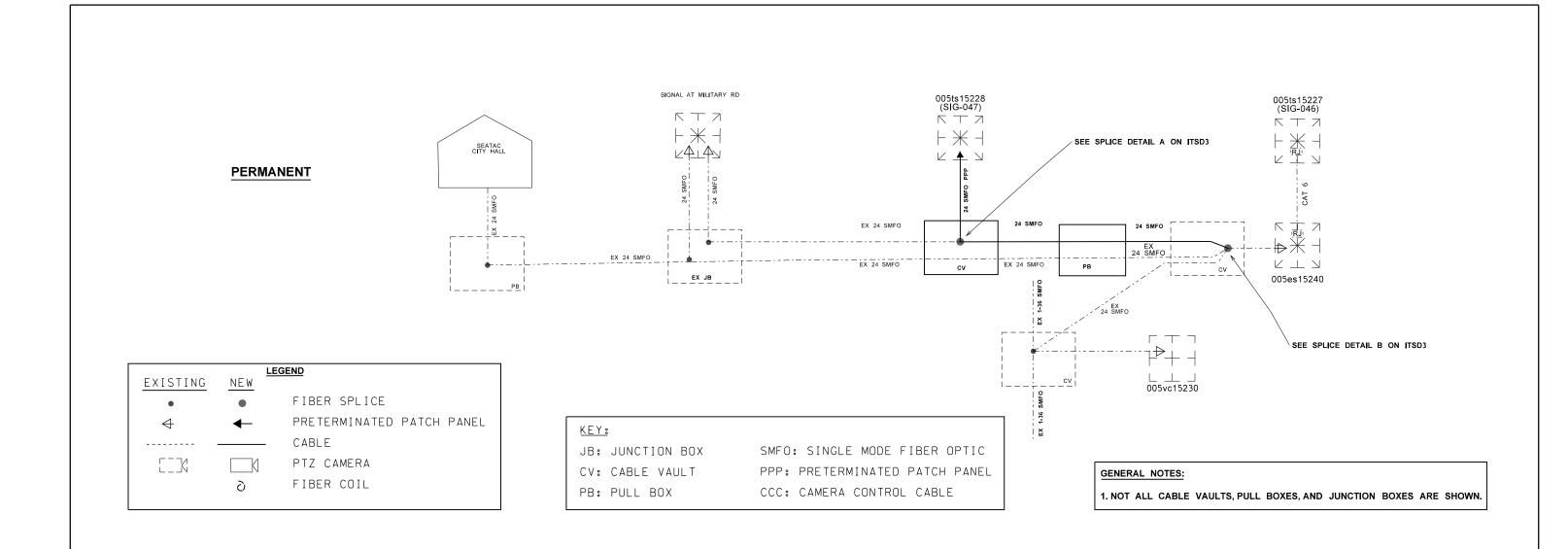
54 152 SHEETS ITS PLAN

Plot 24

PLAN REF NO

ITS5





ITS STUB-OUT CONDUIT SIZE WITH 51-7 LOOP WIRE

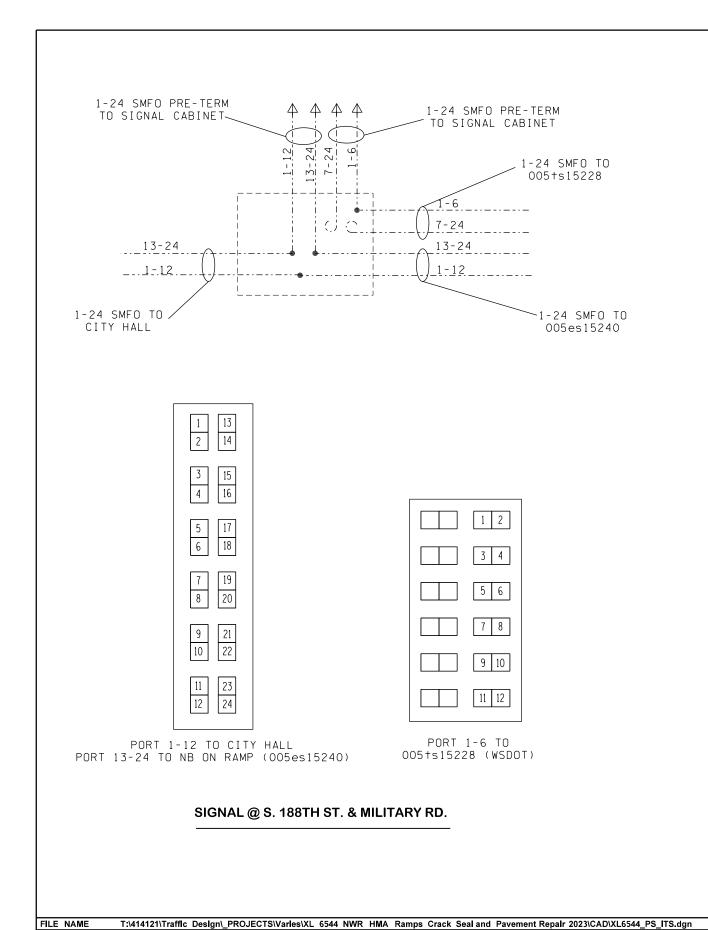
LOOP LEAD PAIRS	1-6	7-12
CONDUIT SIZE (MIN.)	2	2-2

TABLE A - SEE NOTE 1

NOTES

- 1. USE "TABLE A" IN PLACE OF "PVC CONDUIT SIZING TABLE" IN J-50.15.
- 2. TYPE 3RS ALTERNATE SPLICING DETAIL ON J-50.19 SHALL NOT BE ALLOWED.

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PROJ. ENGR.	K. NDILE						SEE SHEET CT1 DATE	- DATE		ITS DETAILS	152 SHEETS
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DESIGNED BY

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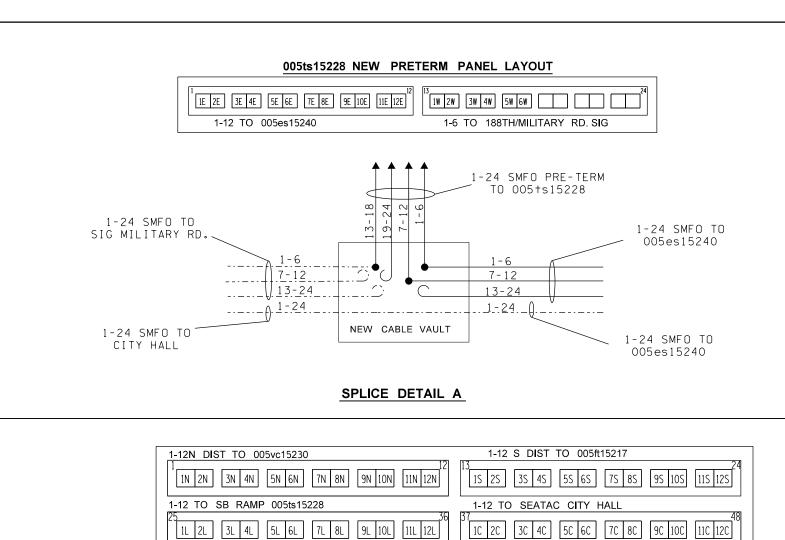
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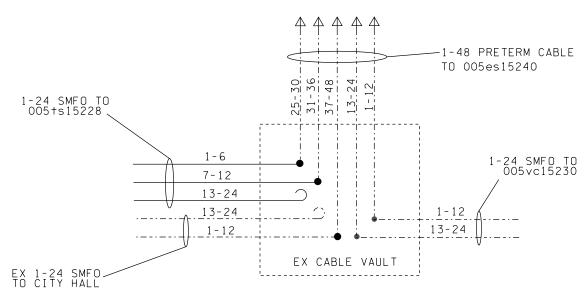
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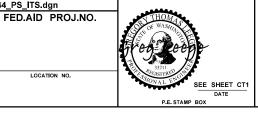
REGIONAL ADM. B. NIELSEN







SPLICE DETAIL B



10 WASH

JOB NUMBER

23A013

CONTRACT NO.

DATE

BY

LOCATION NO.

Washington State Department of Transportation

DATE

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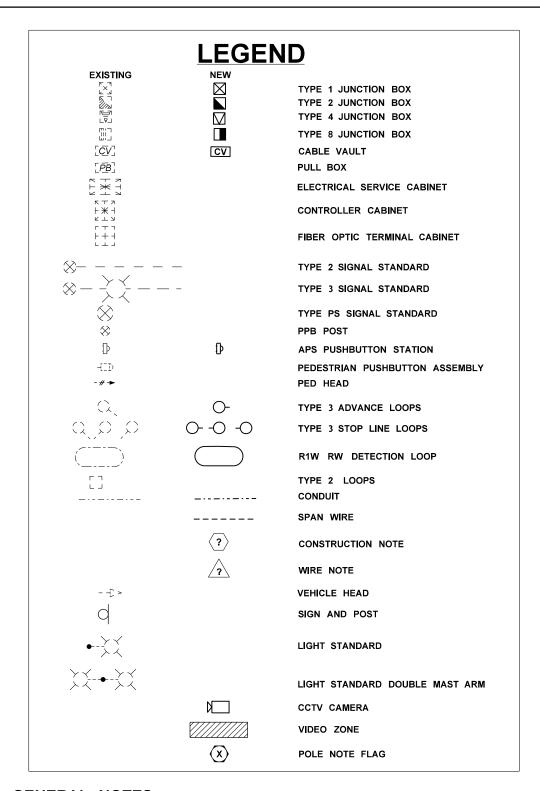
ITS DETAILS

57 152 SHEETS

Plot 33

PLAN REF NO

ITSD3



GENERAL NOTES:

- 1. THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND BE APPROVED BY THE ENGINEER.
- 2. THE CONTRACTOR SHALL PROTECT ALL CONDUIT OPENINGS, REMOVE ALL DEBRIS, AND CLEAN ALL JUNCTION BOXES. PULL BOXES. AND CABLE VAULTS THAT HAVE WORK BEING DONE TO THEM.

CONSTRUCTION NOTES:

- INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL MAST ARM. SEE SHEET SGD1 & SGD2. REMOVE VIDEO CAMERA, MOUNTING HARDWARE, AND ASSOCIATED EQUIPMENT AFTER PERMANENT INDUCTION LOOPS ARE OPERATIONAL DISCONNECT AND REMOVE VIDEO DETECTION CABLE(S). TEMPORARY VIDEO DETECTION SYSTEM SHALL BE COMPLETED AND OPERATIONAL PRIOR TO PAVEMENT GRINDING OPERATION.
- CONSTRUCT CURB BASE FOUNDATION AND INSTALL TYPE PPB POST WITH BREAKAWAY BASE. INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK.
- 3 INSTALL VIDEO DETECTION EQUIPMENT INSIDE CONTROLLER CABINET. REMOVE ALL EQUIPMENT AND ASSOCIATED CONDUCTORS AFTER PERMANENT INDUCTION LOOPS ARE OPERATIONAL.
- (4) VIDEO DETECTION ZONE.
- (5) INSTALL A 50 FT CLASS "5" TIMBER POLE.
- $\langle ^6
 angle$ remove existing signal cabinet base after relocation of cabinet to temporary base.
- (7) PRIOR TO ANY OTHER CONSTRUCTION, INSTALL A CABLE VAULT IN PLACE OF THE EXISTING TYPE 1 JUNCTION BOX.
- (8) INSTALL TYPE 3 STOP LINE LOOP(S) INCLUDING CONDUIT STUBOUT(S).
- \langle 9 \rangle Install type 3 advance loop(s) including conduit stubout(s).
- (10) ROUTE CONDUIT INTO EXISTING JUNCTION BOX. PROTECT EXISTING CONDUIT AND CONDUCTORS.
- 11) BREAK EXISTING LOOP SPLICES PRIOR TO GRINDING THE PAVEMENT. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUBOUT(S). REMOVE STUBOUT CONDUIT ELBOWS FROM JUNCTION BOX AND ABANDON CONDUITS. SPLICE NEW LOOP WIRES TO THE CORRESPONDING EXISTING 2C(S) CABLES.
- (12) INTERCEPT CONDUIT. CONNECT NEW CONDUIT TO EXISTING AND ROUTE AS SHOWN.
- (13) REMOVE EXISTING SIGNAL CONDUCTORS FROM CABINET TO TERMINAL CAN OR PEDESTRIAN DISPLAY.
- (14) CREATE TEMPORARY BASE PER WSDOT STANDARD PLAN J-10.10. RELOCATE EXISTING SIGNAL CABINET FROM EXISTING BASE TO TEMPORARY BASE.
- (15) REMOVE TEMPORARY SIGNAL CABINET BASE AFTER RELOCATION OF CABINET TO PERMANENT BASE.
- (16) INSTALL TYPE 332 CABINET BASE PER WSDOT STANDARD PLAN J-10.10. RELOCATE EXISTING SIGNAL CABINET FROM TEMPORARY BASE TO NEW BASE.
- (17) INSTALL CONDUIT USING DIRECTIONAL BORING METHOD.
- DISCONNECT EXISTING 2C(S) DETECTION AND 3C(S) PREEMPTION DETECTION WIRING FROM CABINET, PULLBACK CONDUCTORS AND COIL IN JUNCTION BOX. PROTECT FOR THE DURATION OF CONSTRUCTION, REINSTALL AND RECONNECT PER THE WIRING SCHEDULE.
- (19) REMOVE CONDUIT, ELBOWS, AND JUNCTION BOXES ENTIRELY AFTER THE TEMPORARY SYSTEM IS OPERATIONAL.
- $\langle 20
 angle$ remove conduit, elbows, span wire, and timber pole after relocation of cabinet to permanent base. See sheet SG1.
- 21 SPLICE NEW LOOP WIRES TO THE CORRESPONDING NEW 2C(S).
- (22) REMOVE PED PUSHBUTTON ASSEMBLY(IES). FILL THE HOLES(S) PER DETAIL SHEET SGD3.
- 23 PUSHBUTTON SIGN ARROW LEFT.
- 24 PUSHBUTTON SIGN ARROW RIGHT.
- (25) INSTALL OPEN BOTTOM PULL BOX AND INTERCEPT EXISTING FIBER OPTIC CONDUIT. GROUT HOLES AFTER THE NEW FIBER OPTIC CABLE IS OPERATIONAL.
- (26) CONSTRUCT FOUNDATION AND INSTALL TYPE PPB POST WITH BREAKAWAY BASE. INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK.
- INSTALL PEDESTRIAN HEAD CONTROL UNIT IN EACH PEDESTRIAN SIGNAL DISPLAY HOUSING. ROUTE A 4C CABLE BETWEEN EACH PEDESTRIAN SIGNAL HEAD AND THE ASSOCIATED PUSHBUTTON ASSEMBLY. MAKE CONNECTION PER MANUFACTURER'S REQUIREMENTS.
- (28) REPLACE EXISTING JUNCTION BOX WITH NEW HEAVY DUTY JUNCTION BOX.
- (29) EXISTING J-BOX IS WELDED CLOSED. J-BOX SHALL BE REWELDED AFTER WORK IN THE BOX IS COMPLETED.
- (30) EXISTING LOOPS TO BE PROTECTED IN PLACE DURING CONSTRUCTION.
- INSTALL NEW APS PUSHBUTTON STATION WITH SIGN ARROW PARALLEL WITH ASSOCIATED CROSSWALK ON EXTENSION. SEE DETAIL ON SHEET SGD4. INSTALL PUSHBUTTON STATION WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK.
- $\langle 32 \rangle$ SEE ITS PLANS.
- (33) REPLACE EXISTING TYPE 3 JUNCTION BOX WITH A TYPE 8 JUNCTION BOX. PROTECT EXISTING CONDUIT AND CONDUCTORS.

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DESIGNED BY	S. ROTH			JOB NUMBER	•	13 60 15		Washington State	HMA PAVING & ADA	SHEET
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PROJ. ENGR.	K. NDILE					SEE SHEET CT1			SIGNAL NOTES	152
REGIONAL ADM	B NIFLSEN	REVISION	DATE	RY		DE STAMP DOY	DE STAMP POY		0.0.0.2	SHEETS

\triangle	CONDUIT SIZE	P/V DETECT	E. V. DETECT	HEAD	P / V HEAD		P / V HEAD	COMM CABLE	CAMERA CABLE	POWER	ILLUM #8	REMARKS
NO.		2C(S)	3C(S)	4C	5C	8C	10C	CABLE	RG59/U			
1	EX 11/4"										**EX 4-#8	
	EX 11/4"									EX 2 -# 4		POWER TO SIG-047
	EX 4"	**EX 15	EX 2		*EX 4	*EX 4		**EX 1-24 SMFO				COST FIBER
_						±51/ 0		**EX 1-24 SMFO				WSDOT FIBER
2	EX 3"		EX 1		*EX 2	*EX 2						SPARE
	EX 3"	EV.C			*EV 4							
_	EX 3"	EX 6			*EX 1			***************************************				REMOVE 1-2C(S) FOR PED 89
3	EX 1½"							**EX 2-24 SMFO		EV 2#4	EX 2-#8	WSDOT FIBER. COST FIBER.
	EX 172	EX 4				*EX 1				EX 2-#4	EA 2-#6	
4	EX 3"	EX 1	EX 2		*EX 3							
4	EX 11/4"					-					**EX 2-#8	
		EX 1	EX 2		*EX 3	-					EA 2-#0	
5	EX 3"	NEW 2	LX Z		NEW							
H	EX 11/4"	NEVV 2			INEVV	2					EX 2-#8	
6	EX 3"	*EX 2	EX 1		*EX 3						EX 2-#8	
		EX 1	27()		*EX 1						2,7, 2, 7, 0	
7	EX 1½"	NEW 1			NEW							
8	EX 2"				NEW 2	2 *EX 1						
9	EX 11/4"	EX 2										
40								EX 1-24 SMFO				COST FIBER
10	EX 2"							EX 1-24 SMFO				WSDOT FIBER
11	SPAN	NEW 1			NEW ·	1				NEW 2-#4		POWER TO SIG-047
12	NEW 3"	NEW 1			NEW ·	1						
12	NEW 3"									NEW 2-#4		POWER TO SIG-047
13	EX 11/4"	EX 5										
14	SPAN	NEW 5			NEW 5	5	NEW 3		NEW 3		NEW 4-#8	
15	SPAN	NEW 3			NEW 3	3	NEW 2		NEW 2		NEW 4-#8	
16	NEW 2"											SEE ITS PLAN
17	NEW 3"	NEW 6			NEW 6	5	NEW 3		NEW 3			
	NEW 3"									NEW 2-#4	NEW 4-#8	POWER TO SIG-047
18	NEW 3"											FUTURE USE
19	NEW 3"											FUTURE USE
.,	NEW 2"											SPARE
20	NEW 2"											FUTURE USE
	NEW 2"											SPARE
21	EX 11/4	EX 1		EX 1								
		NEW 1										
	EX 3"	NEW 3	EX 2	EX 1	NEW 2	n	1		1		1	

*REMOVE **PULLBACK

*T	*TEMPORARY WIRING SCHEDULE SERVICE NO. SAU 4167									
NO.	CONDUIT SIZE	P/V DETECT 2C(S)	E. V. DETECT 3C(S)	P / V HEAD 5C	CAMERA CABLE RG59/U	ILLUM #8	REMARKS			
31	EX 2"				NEW 1					
32	EX 2"	EX 3	EX 2	EX 3	NEW 1	EX 2				
33	EX 2"	EX 1	EX 2	EX 2	NEW 1	EX 2				

*OTHER CONDUITS AND CONDUCTORS MAY BE PRESENT. PROTECT IN PLACE.

ABBREVIATIONS:

WIF	RING SCH	EDULE	SERV	/ICE	NC	. SAI)	3763				
NO.	CONDUIT SIZE	P/V DETECT 2C(S)	E. V. DETECT 3C(S)	PED HEA 5C	D	VEH 10C		APS 4C	COMM CABLE	POWER	ILLUM #8	REMARKS
	NEW 2"		(-,								EX 4-#8	
50	NEW 2"									EX 2-#4		POWER TO SIG-047
	NEW 3"	EX 14	EX 2									
51	NEW 3"	NEW 6		NEW	6	NEW	3					
ן יי	NEW 3"		EX 1									
İ	NEW 3"											SPARE
	EX 3"		EX 2	NEW	1	NEW	2	EX 1				
52	EX 11/4"										EX 4-#8	
	EX 3"	EX 4				NEW	2					
53	EX 3"	EX 1	EX 2	NEW	3							
Ī	EX 11/4"										EX 4-#8	
54	EX 3"	EX 1	EX 2	NEW	1	NEW	2					
34	EX 11/4"										EX 4-#8	
55	NEW 3"		EX 1	NEW	2	NEW	1	NEW 2				
56	NEW 1½"			NEW	1			NEW 1				
57	EX 2"			NEW	2			EX 1				
58	EX 11/4"	EX 2, NEW 1										
59	EX 11/4"	EX 1										
60	EX 2"								EX 1-24 SMFO			
60	EX 2								EX 1-24 SMFO			
61	NEW 3"								EX 2-24 SMFO			
62	EX 11/4"	EX 5										
63	NEW 11/4"	NEW 1						NEW 1				
64	NEW 11/4"	EX 2, NEW 1										
65	NEW 11/4"	EX 5										
66	NOT USED											
	NEW 3"	EX 4				NEW	2					
67	NEW 3"	EX 1	EX 2	NEW	3		_					
	NEW 11/4"										EX 4-#8	
	NEW 3"	EX 5, NEW 1		NEW	1							
68	NEW 2"											SPARE
	NEW 2"											SPARE
69	NEW 2"									EX 2-#4		
70	EX 11/4"	EX 1						EX 1		27, 2 ,, 1		
. •	_/\ 1/*		1							1	1	1

	*WIRING SCHEDULE SERVICE NO. SAU 4167								
NO.	CONDUIT SIZE	P/V DETECT 2C(S)	E.V. DETECT 3C(S)	P / V HEAD 5C	P / V HEAD 7C	APS 4C	ILLUM	REMARKS	
	EX 3"	EX 8, NEW 2	EX 1	EX 2	EX 1				
80	EX 2"	EX 0, NEW 2	LX I	LX Z	L/X I			SPARE	
81	EX 2"	EX 6, NEW 2	EX 1	EX 1	EX 1				
01	EX 2"							SPARE	
82	EX 2"	EX 4					EX 2-#6(5A)		
	EX 2"							SPARE	
83	EX 2"	EX 4							
84	EX 1½"	EX 2					EX 2-#6(5A)		
85	EX 1"	EX 2							
86	NEW 11/4"	NEW 1				NEW 1			
87	NEW 11/4"	EX 1				NEW 1		REINSTALL 1-2C(S) FROM PLE 11	
88	EX 1½"	EX 1		EX 1				REMOVE EX 1-2C(S)	
89	EX 2"	EX 2	EX 1	EX 1	EX 1	NEW 1	EX 2-#8(5A)	REMOVE 2-2C(S) FOR PED PHASES 89 AND 28	
90	EX 1½"	EX 2		EX 1			EX 2-#8(5A)		
91	EX 2"	EX 3	EX 2	EX 3					
92	EX 3"	EX 3	EX 2	EX 3					
93	EX 2"							SPARE	

*OTHER CONDUITS AND CONDUCTORS MAY BE PRESENT. PROTECT IN PLACE.

FOR LEGEND, ABBREVIATION LIST, AND CONSTRUCTION NOTES SEE SHEET SGN1

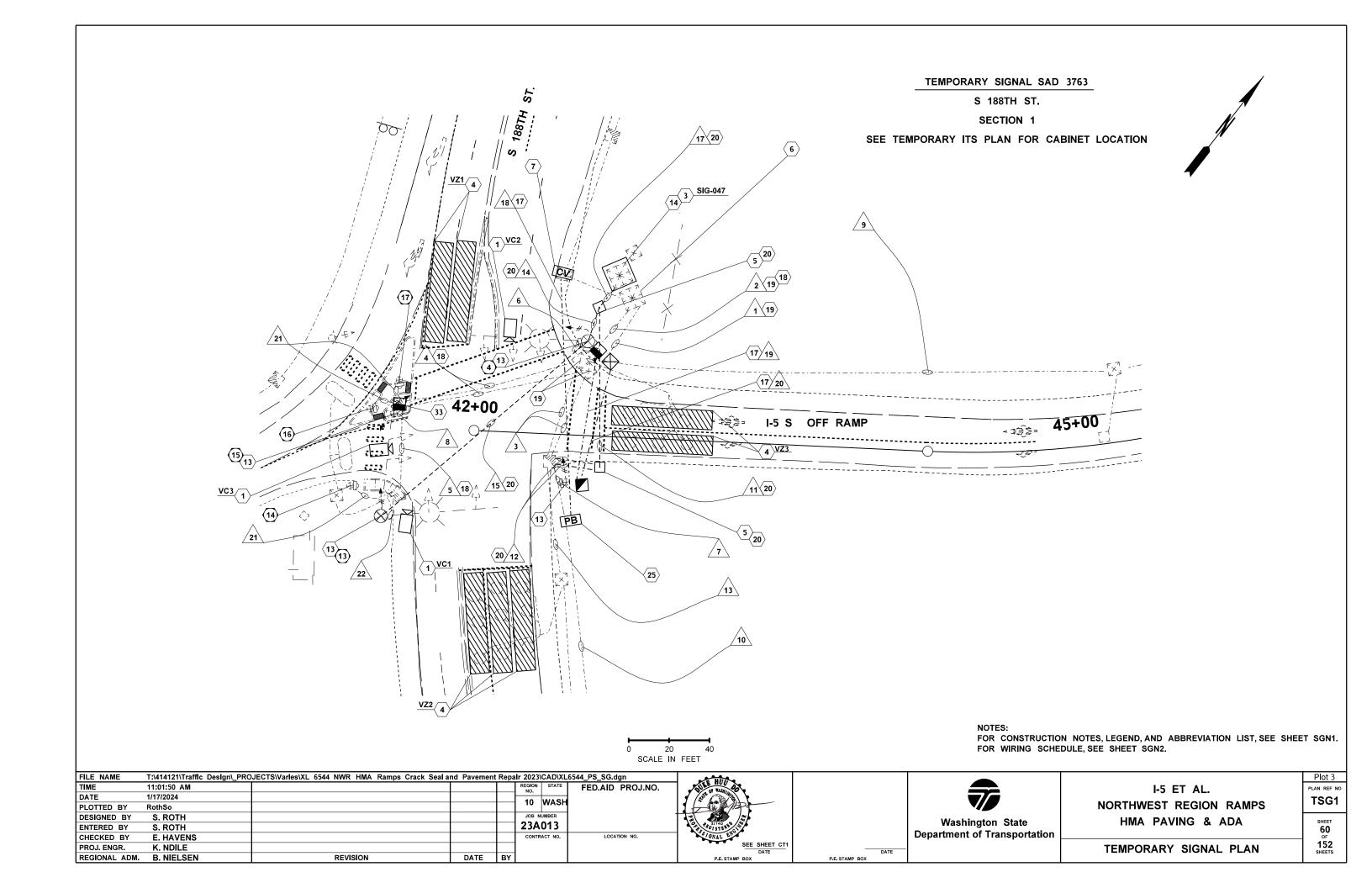
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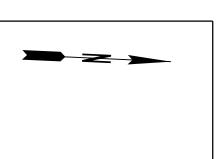


7	I-5 ET AL. NORTHWEST REGION RAMPS
shington State ent of Transportation	HMA PAVING & ADA
·	SIGNAL NOTES

PLAN REF NO SGN2 59 OF 152 SHEETS

Plot 2

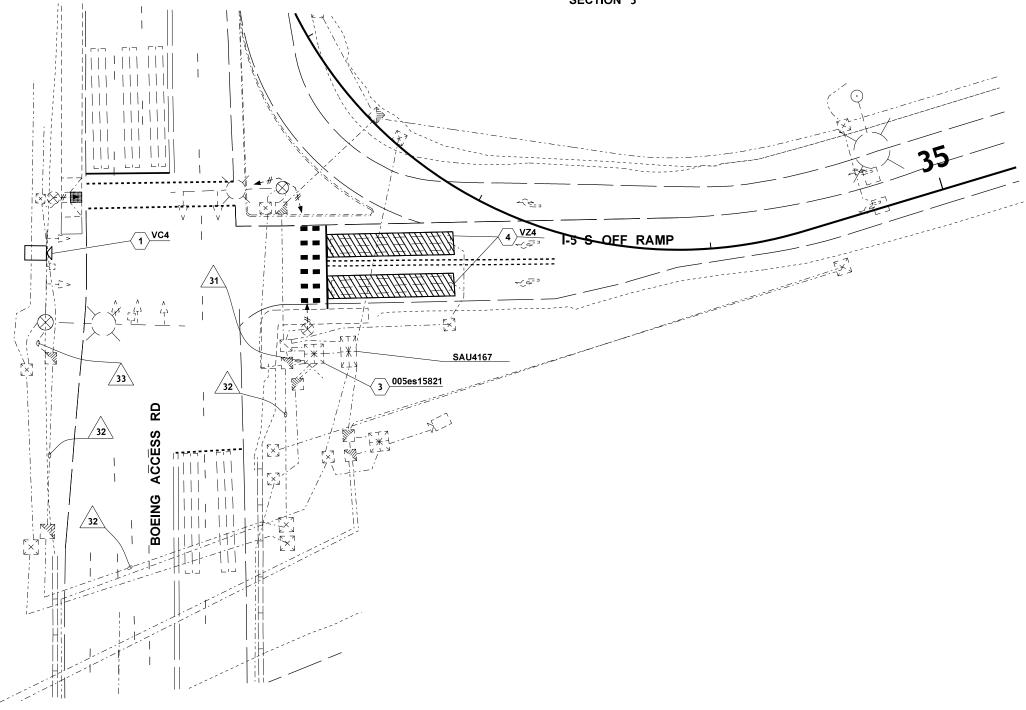




TEMPORARY SIGNAL SAU 4167

BOEING ACCESS RD

SECTION 3



0 20 40 SCALE IN FEET NOTES:
FOR CONSTRUCTION NOTES, LEGEND, AND ABBREVIATION LIST, SEE SHEET SGN1.
FOR WIRING SCHEDULE, SEE SHEET SGN2.

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CHECKED BY	E. HAVENS					CONTR	ACT NO.	LOCAT	ION NO.	1
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REGIONAL ADM.	B. NIELSEN	REVISI	ON	DATE	BY					



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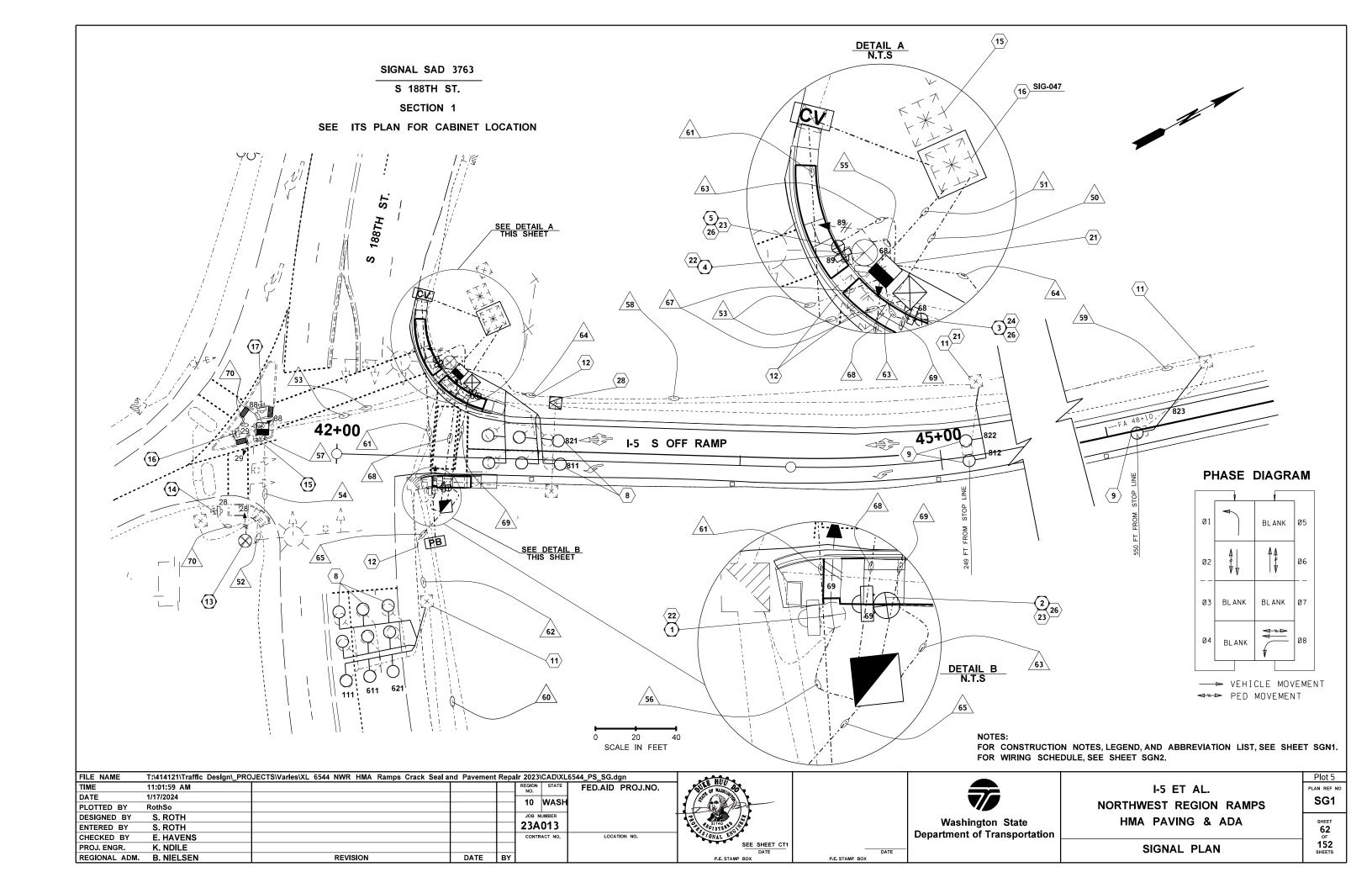
Washington State
epartment of Transportation

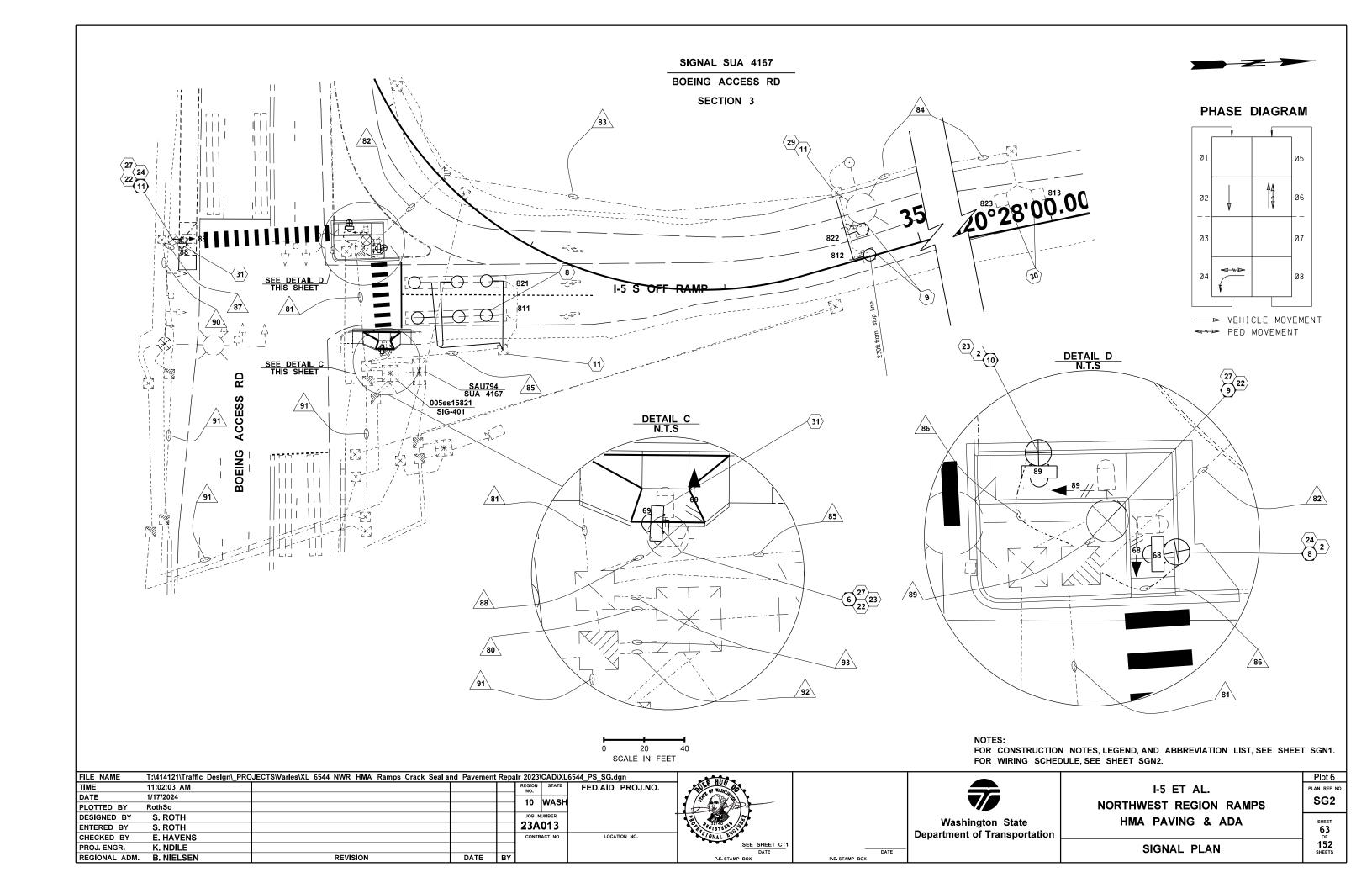
I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA

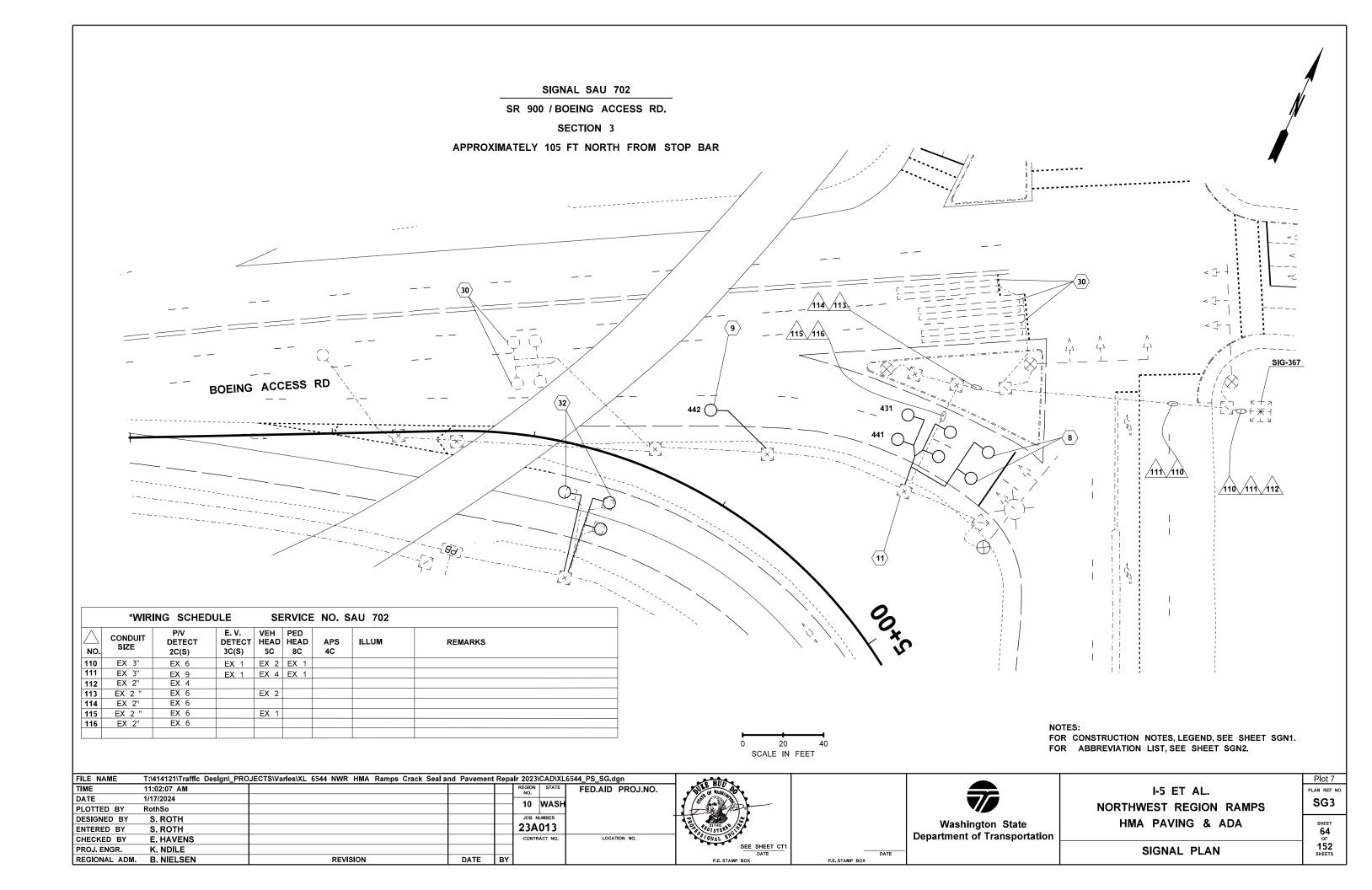
TEMPORARY SIGNAL PLAN

SHEET 61 OF
152 SHEETS

Plot 4
PLAN REF NO
TSG2

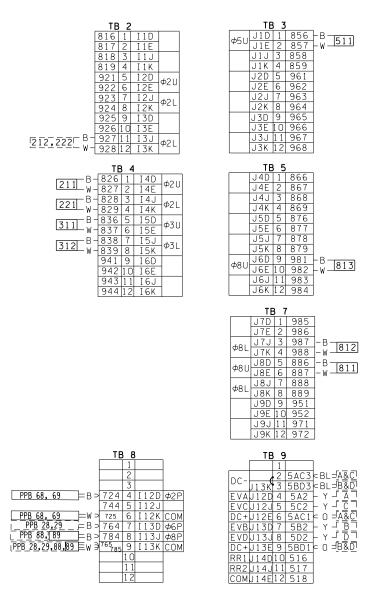






CABINET WIRE TERMINATIONS S 188TH ST

DETECTION INPUT TERMINALS



COORDINATION

		TBØ
	- BL -	541
-	- W -	542
-	- OR —	543
-	- W —	544
-	- GN -	545
\vdash	- w -	546
-	- BR-	547
-	- w -	548
-	- GR -	549
-	- w -	550
-	- BL-	551
-	- R-	552

SERVICE PANEL

	T	BS	
—B-	501	1	AC+
-GRD-		2	CG
— W —	502	3	AC-
		4	
		5	

AUXILIARY PREEMPTION
(CONNECTED VIA 262W WIRE HARNESS TO M262 DISCRIMINATOR)

	TB10										
1 A&C AUX	2 A&C AUX	3 A AUX	4 A AUX	5 C AUX	6 C AUX	7 B&D AUX	8 B&D AUX	9 B AUX	1Ø B AUX	11 D AUX	12 D AUX
2	BL 2	Y A2		C2		2	BL 2	Y B2		D2	

NOTE: TERMINATE ALL WIRING IDENTIFIED AS AC- (6*6 AND 7*3) AT THE AC-BUSS.

SEAL AND COIL ALL SPARE CONDUCTORS AND STORE NEATLY IN THE ASSOCIATED PULL BOX.

DISPLAY OUTPUT TERMINALS

41 Rb	641	101	Φ4R	28	=0>	721	113	Φ2DW	Г	\neg	— R –	611	125	Φ1 R
42 -0-	642	102	φ4 Y	29		5A4	114	EVIA		11	-0-	612	126	Φ1 Y
G-	643	103	Φ4G	29	=BL>	722	115	Φ2W	L		— G –	613	127	Ф1 G
[48 F R ⊃	741	104	Φ4DW		– R –	631	116	Φ3R	F	21	— R –	621	128	φ 2R
49	5B4	105	EVIB	31	-0-	632	117	Φ3 Y		22	-0-	622	129	Φ2 Y
49 E C >	742	106	Φ4W	ш	— G –	633	118	Φ3G	Ľ		— G –	623	130	Ф2G
81 R-	681	107	Φ8R	68	=0>	761	119	Φ6DW	Г		— R –	651	131	φ 5R
82 -0-	682	108	Ø8 Y	69		5C4	120	EVIC		51	-0-	652	132	Φ5 Y
C-	683	109	Ф8 G	69	=BL>	762	121	Ø6₩	L		— G –	653	133	Φ5 G
88 F R =	781	110	Φ8DW		– R –	671	122	Φ7R	Г	61	— R –	661	134	Φ6R
	5D4	111	EVID	71	-0-	672	123	Φ7 Y		- 1	-0-	662	135	Φ6 Y
89 L G =	782	112	Φ8W		— G –	673	124	φ7G	L	62	— G –	663	136	Ф6 G

FILE NAME	T:\414121\Traffic Design_PRO	JECTS\Varles\XL 6544 NWR	HMA Ramps Crack Se	al and Pavemen	t Repa	lr 2023	CAD\XL	6544_PS_SG.c	lgn	
TIME	11:02:11 AM					REGION NO.	STATE	FED.AID	PROJ.NO.	1
DATE	1/17/2024						WASH			-
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DESIGNED BY	S. ROTH						IUMBER			17
ENTERED BY	S. ROTH					23A	.013			
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PROJ. ENGR.	K. NDILE									
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I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA

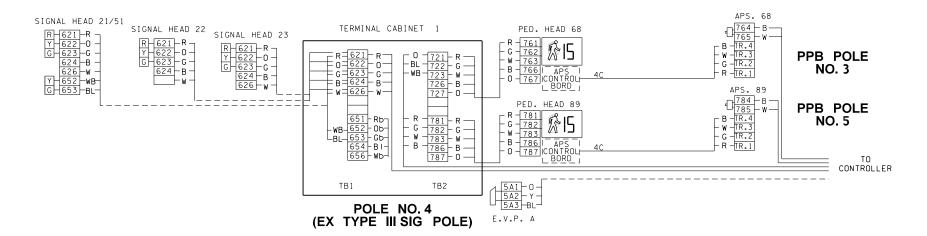
SIGNAL PLAN

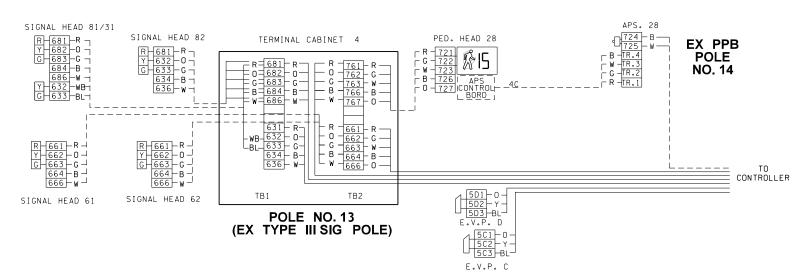
65 152 SHEETS

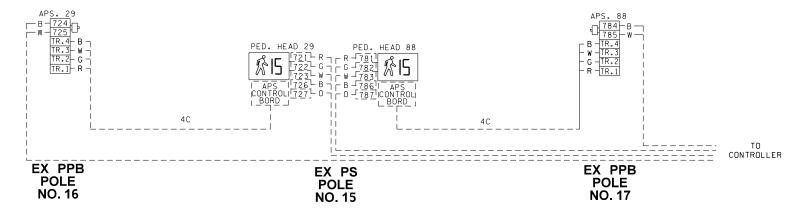
Plot 8

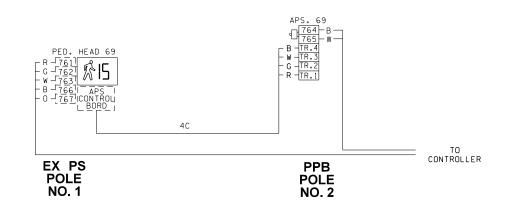
PLAN REF NO SG4

FIELD WIRE TERMINATIONS S 188TH ST









PPB STATION	VOICE TO WALK MESSAGE SCHEDULE
89	SOUTH ONE HUNDRED AND EIGHTY EIGHT STREET WALK SIGN IS ON TO CROSS SOUTH ONE HUNDRED AND EIGHTY EIGHT STREET .
68	INTERSTATE FIVE SOUTHBOUND OFF RAMP. WALK SIGN IS ON TO CROSS INTERSTATE FIVE SOUTHBOUND OFF RAMP.
69	INTERSTATE FIVE SOUTHBOUND OFF RAMP. WALK SIGN IS ON TO CROSS INTERSTATE FIVE SOUTHBOUND OFF RAMP.

I-05 SB OFF RAMP/S. 188TH ST.

FILE NAME	T:\414121\Traffic Design_PRO	DJECTS\Varles\XL 6544 NWF	R HMA Ramps Crack	Seal and Paveme	nt Repa	alr 2023	\CAD\XL	6544_PS_SG.dgn	
TIME	11:02:15 AM					REGION NO.	STATE	FED.AID PROJ.NO.	1
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DESIGNED BY	S. ROTH						IUMBER		14
ENTERED BY	S. ROTH					23A	.013		'
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REGIONAL ADM.	B. NIELSEN	REV	ISION	DATE	BY	1			





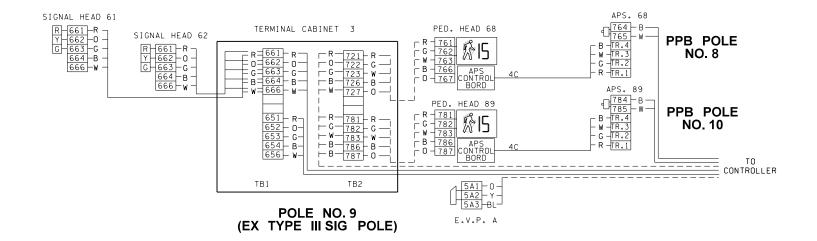
I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA
SIGNAL PLAN

Plot 11
PLAN REF NO
SG5

66 OF

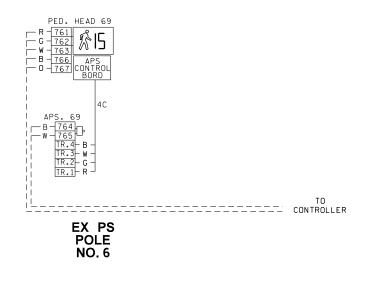
152 SHEETS

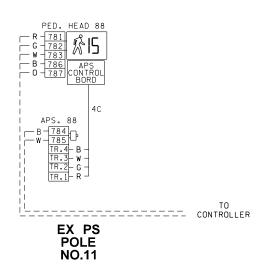
FIELD WIRE TERMINATIONS BOEING ACCESS RD



PPB STATION	VOICE TO WALK MESSAGE SCHEDULE
89	SOUTH BOEING ACCESS ROAD. WALK SIGN IS ON TO CROSS BOEING ACCESS ROAD.
68	INTERSTATE FIVE SOUTHBOUND OFF RAMP. WALK SIGN IS ON TO CROSS INTERSTATE FIVE SOUTHBOUND OFF RAMP.
69	INTERSTATE FIVE SOUTHBOUND OFF RAMP. WALK SIGN IS ON TO CROSS INTERSTATE FIVE SOUTHBOUND OFF RAMP.
88	SOUTH BOEING ACCESS ROAD. WALK SIGN IS ON TO CROSS BOEING ACCESS ROAD.

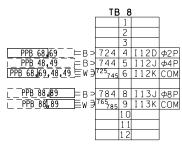
I-05 SB OFF RAMP/BOEING ACCESS RD





CABINET WIRE TERMINATIONS

DETECTION INPUT TERMINALS



FILE NAME	T:\414121\Traffic Design_PRO	JECTS\Varles\XL 6544	NWR HMA	Ramps Crack	Seal an	d Pavement	t Repa	Ir 2023	CAD\XL	6544_PS_SG.d	gn	
TIME	11:02:20 AM							REGION NO.	STATE	FED.AID	PROJ.NO.	1
DATE	1/17/2024							10	WASH			
PLOTTED BY	RothSo							10	WASH			1:
DESIGNED BY	S. ROTH								UMBER			1
ENTERED BY	S. ROTH							23A	013			
CHECKED BY	E. HAVENS							CONTR	ACT NO.	LOCA.	TION NO.	1
PROJ. ENGR.	K. NDILE											
REGIONAL ADM.	B. NIELSEN		REVISION			DATE	BY					





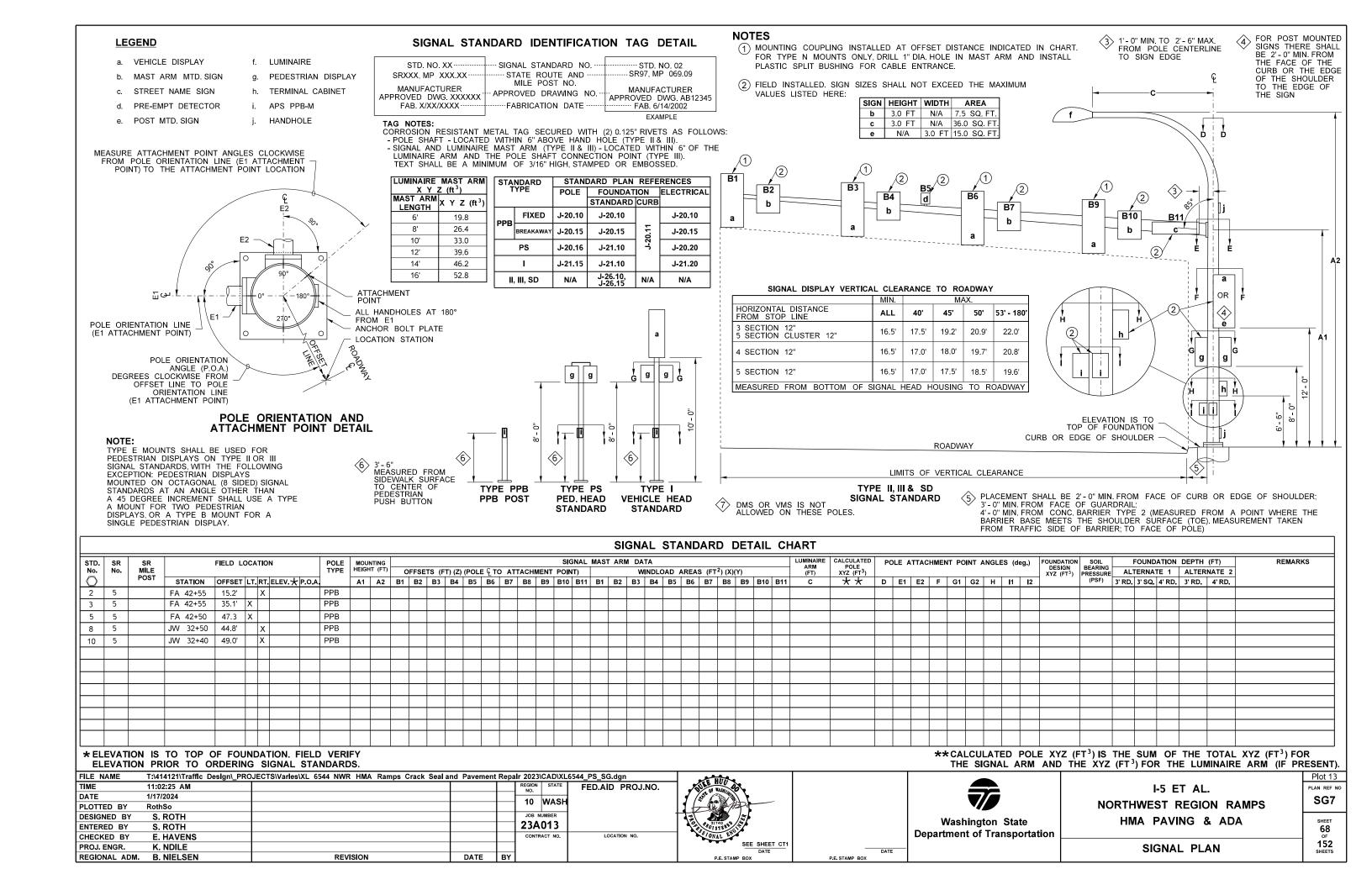
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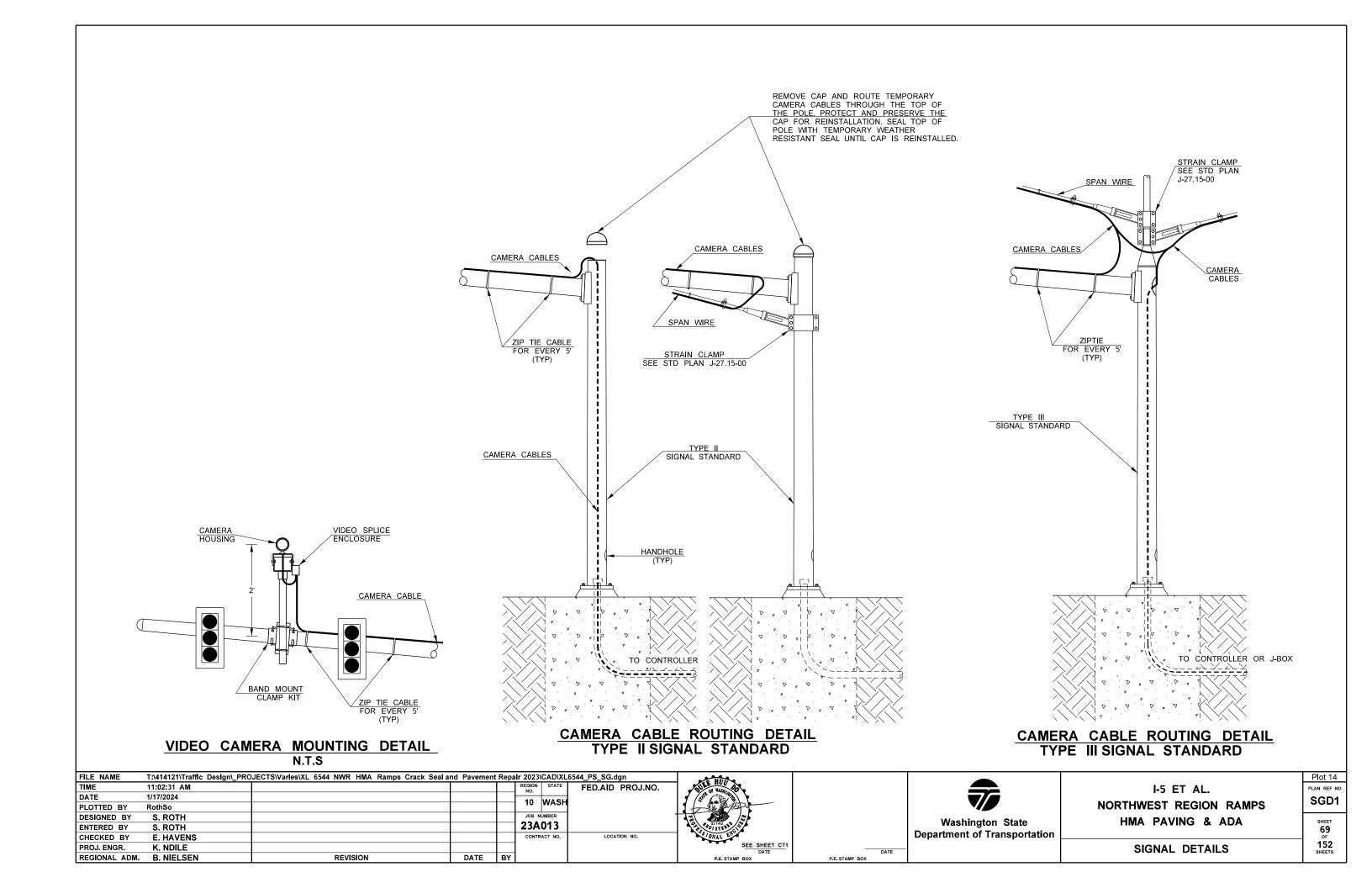
I-5 ET AL.
NORTHWEST REGION RAMPS
HMA PAVING & ADA

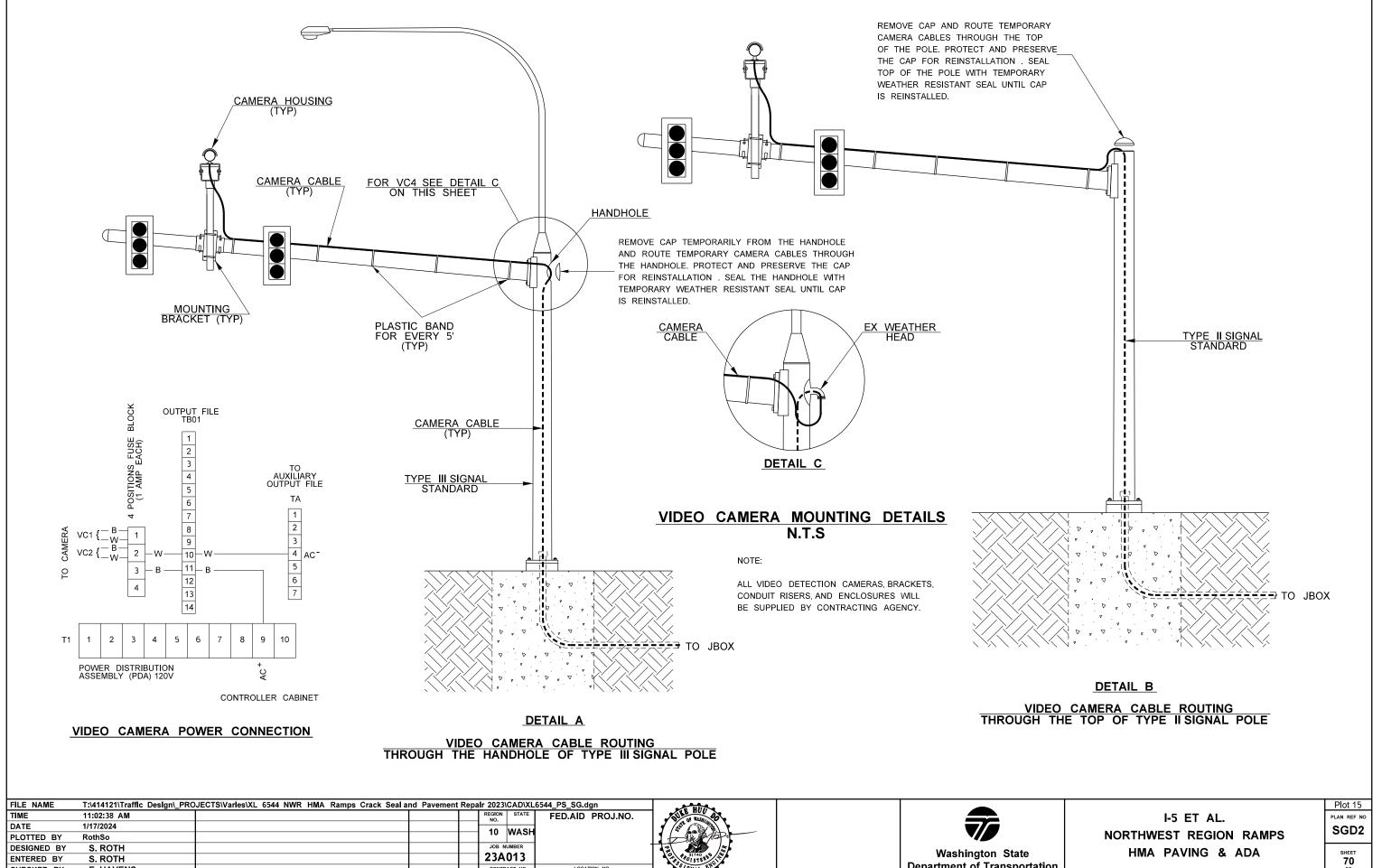
SIGNAL PLAN

67 0F 152 SHEETS

Plot 12 PLAN REF NO SG6







TIME	11:02:38 AM	·			REGION STATE	FED.AID PROJ.NO.	ON MASK.			I-5 ET AL.	PLAN REF NO
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DESIGNED BY	S. ROTH				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	S. ROTH				23A013		I CONTRACTOR		, J	TIMA TAVINO & ADA	70
CHECKED BY	E. HAVENS				CONTRACT NO.	LOCATION NO.	JONAL ENGLY		Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE						SEE SHEET CT1	DATE		SIGNAL DETAILS	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SILETO

REPAIR PROCEDURE - BOLT HOLE SIZE 1/2" (IN) DIAMETER OR LESS ~ PIPE TRADE SIZE 1/2" (IN) OR LESS

EXISTING STANDARD

EXISTING

3/8" (IN) HOLE

3/8" (IN) SS BOLT

EXISTING HOLE ~

1/2" (IN) OR LESS

PIPE THREAD SIZE

1/2" (IN) HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG

WITH SHANK

FOR NATIONAL PIPE THREADS:

EXAMPLE OF PEDESTRIAN

TO BE REPAIRED ~ SEE

DETAIL @ LEFT

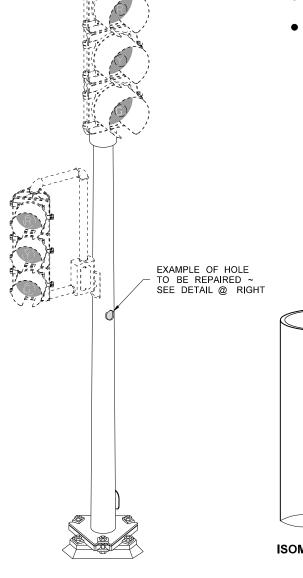
PUSHBUTTON (PPB) HOLE(S)

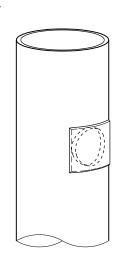
- APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG.
- TIGHTEN PLUG UNTIL FLUSH WITH STANDARD.
- FILE PLUG TO MATCH CONTOUR OF STANDARD.
- FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK.
- TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).

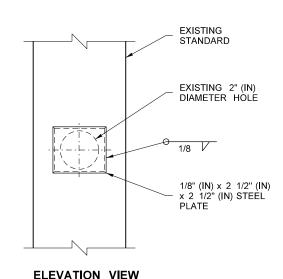
 APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT. SUBMITTAL PER STANDARD SPECIFICATION 6-03.3(25).

REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3" (IN) DIAMETER OR LESS

- MAXIMUM HOLE SIZE 3" (IN) OR LESS IN DIAMETER.
- 1/8" (IN) STEEL PLATE TYPE ASTM A 36 ELECTRODE TYPE XX-70.
- THE PLATE SHALL BE 1/2" (IN) LARGER THAN THE DIAMETER OF THE HOLE TO BE REPAIRED (1/4" (IN) OVERLAP ALL SIDES).
- TACK WELD PLATE TO POLE.
- SHAPE PLATE TO MATCH TAPER AND CURVE OF POLE.
- 1/8" (IN) FILLET WELD ALL AROUND.
- CHAMFER (GRIND) EDGE OF PLATE SMOOTH. REMOVE ALL BURRS AND SHARP EDGES.
- TREAT PATCH PLATE AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).
- APPLY TWO COATS PAINT SHALL BE DRY PRIOR TO APPLYING SECOND COAT.







ISOMETRIC VIEW

HOLE REPAIR DETAIL

ISOMETRIC VIEW

FOR UNC OR UNF THREADS:

 APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING

SECOND COAT.

• CUT OFF SS BOLT EVEN WITH STANDARD

• FILE SS BOLT TO MATCH CONTOUR OF STANDARD.

• APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.

• TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT

MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).

• TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD

EXAMPLE OF REPAIR FROM PPB LOCATION ~ 1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES SHOWN

PUNCH ~ TO DEFORM PLUG ~ (4) PLACES SO PLUG WILL NOT

ROTATE

ELEVATION VIEW

ELEVATION

(TYPE III SIGNAL STANDARD SHOWN)

PERSPECTIVE VIEW
(RAMP METER SIGNAL STANDARD
WITH SLIP BASE SHOWN)

DATE

HOLE REPAIR DETAIL

EXAMPLE WITH 2" (IN) DIAMETER HOLE SHOWN

FILE NAME	T:\414121\Traffic	Design_PRO	JECTS\Varles\XL	6544 NWR	HMA I	Ramps Crac	ck Seala	nd Pavemen	t Repa	Ir 2023	CAD\XL	.6544_PS_SG.	dgn	
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DATE	1/17/2024										WASH			
PLOTTED BY	RothSo									10	WASH			- 1:2
DESIGNED BY	S. ROTH										NUMBER			1
ENTERED BY	S. ROTH									23A	.013			
CHECKED BY	E. HAVENS									CONTI	RACT NO.	LOCA	ATION NO.	
PROJ. ENGR.	K. NDILE													
REGIONAL ADM.	B. NIELSEN			REVI	SION			DATE	BY					





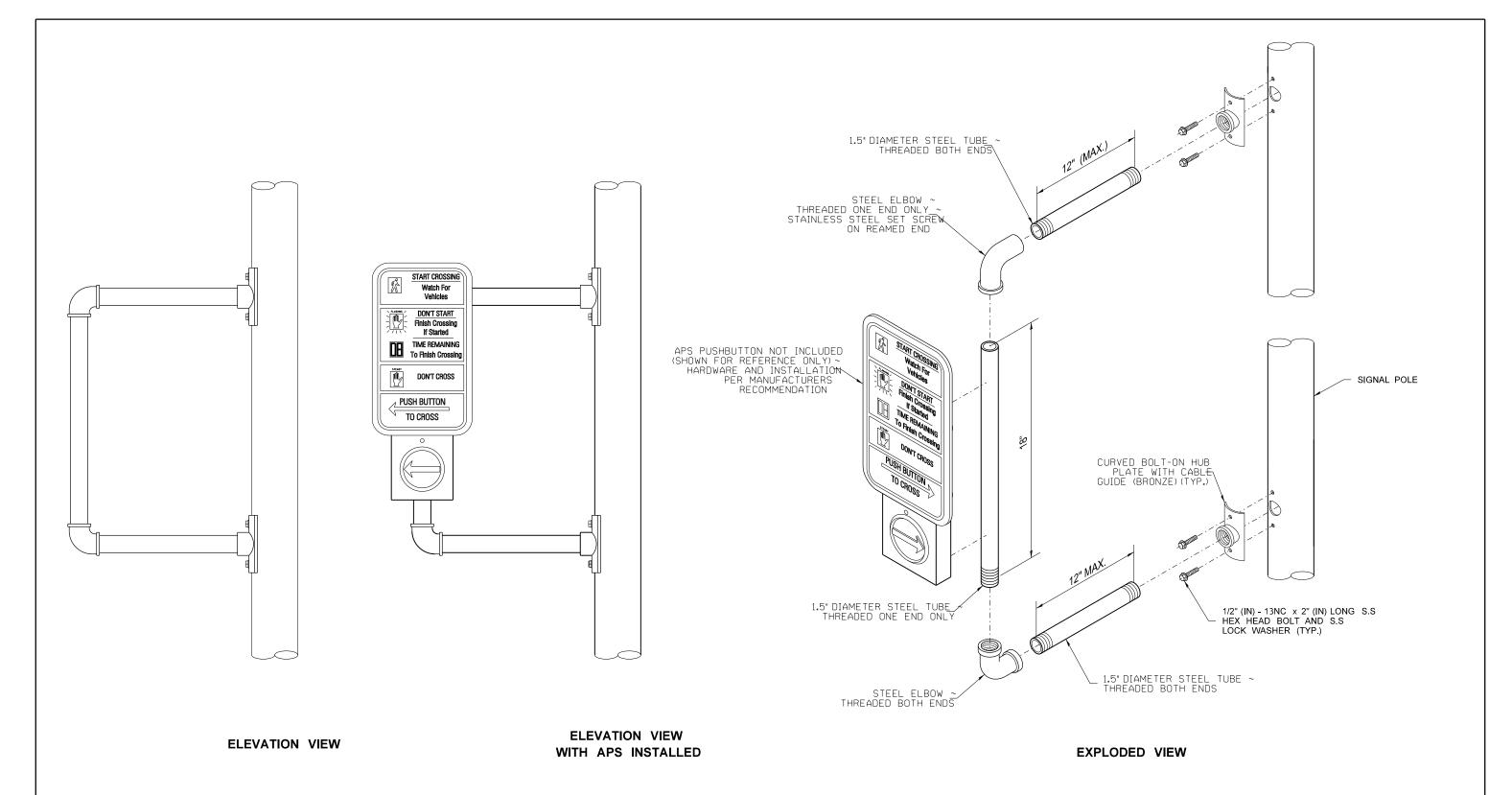
I-5 ET AL. NORTHWEST REGION RAMPS HMA PAVING & ADA

SIGNAL DETAILS

71 0F 152 SHEETS

Plot 16

SGD3



NOTE

See **Standard Specification Section 9-29.17** for additional material requirements, including painting of all pipes, elbows, and hub plates.

APS PPB EXTENSION DETAIL

FILE NAME	T:\414121\Traffic Design_PRO	JECTS\Varles\XL 6544	NWR HMA	Ramps Crack Seal	and Pavemen	t Repa	Ir 2023	\CAD\XL	6544_PS_SG.c	lgn	
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DATE	1/17/2024						10	WASH			- -
PLOTTED BY	RothSo						10	WASH			1
DESIGNED BY	S. ROTH							IUMBER			17
ENTERED BY	S. ROTH						23A	.013			
CHECKED BY	E. HAVENS						CONTR	RACT NO.	LOCA	TION NO.	7
PROJ. ENGR.	K. NDILE										
REGIONAL ADM.	B. NIELSEN		REVISION		DATE	BY					



	7
	Washington State Department of Transportation
DATE	

I-5 ET AL.									
NORTHWEST REGION RAMPS									
HMA PAVING & ADA									
SIGNAL DETAILS									

SGD4

SHEET 72

OF 152

SHEETS

Plot 17

SIGN SPECIFICATIONS

GENERAL NOTES (GN):

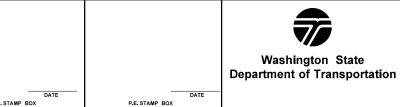
- A) POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- B) FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SERIES "G".
- C) FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
- ALL 2.5" PERFORATED SQUARE STEEL TUBE (PSST) POSTS SHALL BE 12 GAGE.
- E) 2.5" SQ (SB) AND 2.5" SQ (5) PSST POSTS SHALL HAVE A 12 GAGE 21/4" PSST INSERT OF THE SAME LENGTH.
- F) SEE STANDARD PLAN G-24.40.
- G) ALL WIDE FLANGE STEEL POSTS SHALL BE ASTM A992.
- H) ALL ROUND STEEL POSTS ARE MEASURED TO OUTSIDE DIAMETER AND SHALL HAVE TYPE AP SIGN SUPPORTS.
- I) ALL SIGNS 36" OR WIDER SHALL BE BRACED IN ACCORDANCE WITH STANDARD PLAN G-50.10.
- J) 5", 6", 7" AND 8" SQUARE STEEL TUBE SIGN POSTS SHALL HAVE TYPE TP-B BASES ASTM A36 W6x12 FOUNDATION SPECIFICATIONS SHALL BE USED UNLESS OTHERWISE NOTED IN THE PLANS
- K) ALL 3" SOLID SQUARE STEEL TUBE POSTS SHALL BE 7 GAGE.
- L) SEE STANDARD PLAN G-24.50.
- M) ALL OVERHEAD SIGN MOUNTING HARDWARE SHALL BE NEW UNLESS OTHERWISE SHOWN ON THE PLANS OR SIGN SPECIFICATION SHEETS.

OVERHEAD SHEETING										
TYPE OF SIGN	SHEETING TYPE									
1112 01 01011	BACKGROUND	LEGEND / BORDER								
GUIDE	IV	ΧI								
EXIT ONLY / LEFT PLAQUE	IV	ΧI								
STREET NAME	IV	ΧI								
REGULATORY	IV	N/A								
WARNING	IX OR XI	N/A								
_										

2 1/2" PERFO	RATED & 3" SQUARE	STEEL TUBE SIGN	POST SUPPORTS
POST SIZE (#)	CALL OUT IN THE POST SIZE COLUMN	SIGN SUPPORT TYPE	GENERAL NOTE
21/2"	2.5" SQ (1)	ST-1	D, L
21/2"	2.5" SQ (4)	ST-4	D, L
21/2"	2.5" SQ (SB)	SB-1, SB-2 OR SB-3	D, E, F
21/2"	2.5" SQ (5)	ST-4	D, E, L
3"	3" SQ (SB)	SB-1 OR SB-3	K, F
3"	3" SQ (5)	ST-4	K, L

ABI	BREVIATIONS LEGEND
AAH	ADOPT A HIGHWAY
AHD	AHEAD
BR MOUNT	BRIDGE MOUNTED SIGN BRACKET
BTWN	BETWEEN
CANT	CANTILEVER
CL	CENTER LINE
CN	CONSTRUCTION NOTE
CONT	CONTINUED
EX OR EXIST	EXISTING
FY	FLUORESCENT YELLOW
HAR	HIGHWAY ADVISORY RADIO
I/S	INTERSECTION
LT	LEFT
LT STD	LIGHT STANDARD
MOD	MODIFIED
MP	MILE POST
MTG HDWR	MOUNTING HARDWARE
N/A	NOT APPLICABLE
NO.	NUMBER
PED	PEDESTRIAN
PERP	PERPENDICULAR
PSST	PERFORATED SQUARE STEEL TUBE
R-	REMOVAL
RT	RIGHT
SIG POLE	SIGNAL POLE
SIGN BR	SIGN BRIDGE
SB	SLIP BASE
SQ	SQUARE
STA	STATION
TYP	TYPICAL
W/	WITH
XING OR X-ING	CROSSING

FILE NAME	T:\414121\Trafflc Design_PRO	JECTS\Varles\XL 6544	NWR HMA	Ramps Crack Sea	land Pavemen	t Repa	lr 2023	(CAD(XL	6544_PS_SN.dgr	1
TIME	11:03:16 AM						REGION NO.	STATE	FED.AID P	ROJ.NO.
DATE	1/17/2024						10	WASH	l	ı
PLOTTED BY	RothSo			·			1 10	VVASI	1	ı
DESIGNED BY	S. ROTH							NUMBER	l	ı
ENTERED BY	S. ROTH			·			23A	.013	1	ı
CHECKED BY	E. HAVENS						CONTE	RACT NO.	LOCATION	N NO.
PROJ. ENGR.	K. NDILE						1		l	ı
REGIONAL ADM.	B. NIELSEN		REVISION		DATE	BY				



I-5 ET AL.	
NORTHWEST REGION RAMPS	
HMA PAVING & ADA	

SIGN SPECIFICATIONS

SHEET 73 OF
152 SHEETS

SS1

SIGN SPECIFICATIONS

SIGN	SIGN CODE WSDOT	SIGN DESCRIPTION	STA. LOC (OR MP)	SIGN SIZE	SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	PC	OST LE		Н	CLEAR (F)		REMARKS				
NO.	OR MUTCD	olok bestim hok	0.011 22001111 1.011				GIA: 200 (GIV IIII)	XY	ITPE	OK CODE	IVIATERIAL	SIZE	H1	H2	H3	H4	V	W	
1	R9-3A	NO PEDESTRIANS CROSSING	FA 41+50 RT	30" 30"	IV	STANDARD	SIG POLE	N/A					7	12.1	INSTALL ON EXISTING SIGNAL POLE				
2	R10-3b	PUSH BUTTON	FA 42+55 RT	9" 15"	IV	STANDARD	PPB POLE	N/A							INSTALL ON NEW PPB POLE NO. 2				
R-3		DO NOT ENTER																	
3	R5-1	DO NOT ENTER	FA 42+60 RT	48" 48"	IV	STANDARD	STEEL	2.5" SQ (4)	16				7	16.3	INSTALL ON NEW SIGN POST				
R-4		ONE WAY																	
4	R6-1R	ONE WAY	FA 42+60 RT	54" 18"	IV	STANDARD							11		INSTALL ON TOP OF SIGN 3				
5	R10-3b	PUSH BUTTON	FA 42+50 LT	9" 15"	IV	STANDARD	PPB POLE	N/A							INSTALL ON NEW PPB POLE NO.5				
R-6		DO NOT ENTER																	
6	R5-1	DO NOT ENTER	FA 42+80 LT	48" 48"	IV	STANDARD	STEEL	2.5" SQ (4)	16				7	13.7	INSTALL ON NEW SIGN POST				
R-7	R6-1	ONE WAY																	
7	R6-1L	ONE WAY	FA 42+80 LT	54" 18"	IV	STANDARD							11		INSTALL ON TOP OF SIGN 6				
8	R10-3b	PUSH BUTTON	FA 42+55 LT	9" 15"	IV	STANDARD	PPB POLE	N/A							INSTALL ON NEW PPB POLE NO. 3				
9	R9-3A	NO PEDESTRIANS CROSSING	JW 32+30 RT	30" 30"	IV	STANDARD	SIG POLE	N/A					7	12.8	INSTALL ON EXISTING SIGNAL POLE				
10	R9-3A	NO PEDESTRIANS CROSSING	JW 32+30 RT	30" 30"	IV	STANDARD	SIG POLE	N/A					7	16.2	INSTALL ON EXISTING SIGNAL POLE				
11	R10-3b	PUSH BUTTON	JW 32+05 RT	9" 15"	IV	STANDARD	PPB EXTENSION	N/A							INSTALL ON EXISTING PB POLE NO. 11				
12	R9-3B L	USE CROSSWALK	JW 32+00 RT	18" 12"	IV	STANDARD	STEEL	2.5" SQ (4)	11				7	12.4	INSTALL ON EXISTING POLE FOUNDATION				
13	R10-3b	PUSH BUTTON	JW 32+40 RT	9" 15"	IV	STANDARD	PP POLE	N/A							INSTALL ON NEW PPB POLE NO. 10				
14	R10-3b	PUSH BUTTON	JW 32+50 RT	9" 15"	IV	STANDARD	PP POLE	N/A							INSTALL ON NEW PPB POLE NO. 8				
15	R10-3b	PUSH BUTTON	JW 32+80 RT	9" 15"	IV	STANDARD	PPB EXTENSION	N/A							INSTALL ON EXISTING PB POLE NO.6				
R-16		ONE WAY																	
16	R6-1L	ONE WAY	FA 42+60 RT	54" 18"	IV	STANDARD							11		INSTALL ON TOP OF SIGN 3				
R-17		ONE WAY																	
17	R6-1R	ONE WAY	FA 42+80 LT	54" 18"	IV	STANDARD							11		INSTALL ON TOP OF SIGN 6				
18	R9-3A	NO PEDESTRIANS CROSSING	FA 42+45 RT	30" 30"	IV	STANDARD	STEEL	2.5" SQ (4)	13.5				7	17.3	INSTALL ON NEW SIGN POST				
											1								

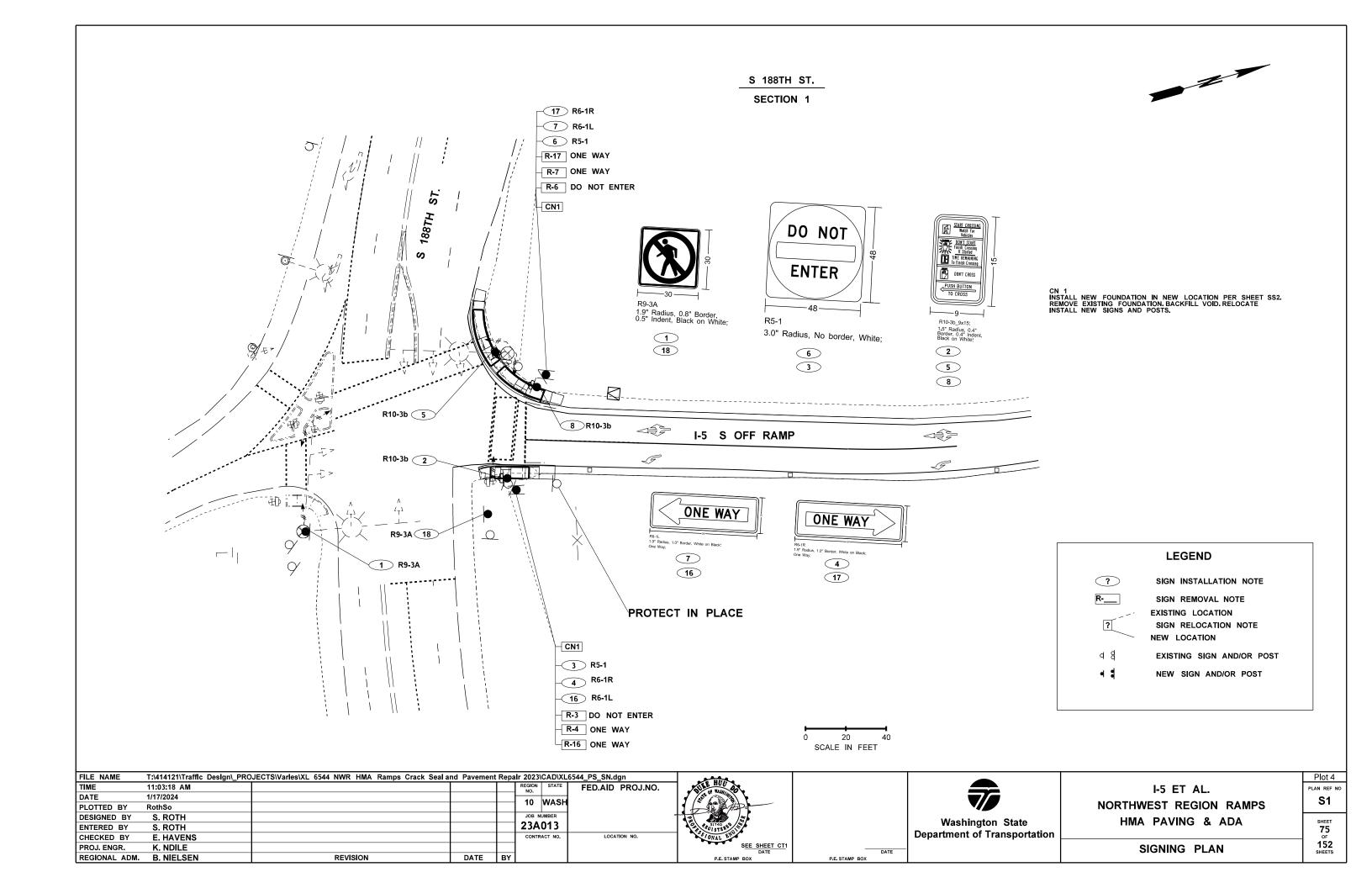
CONSTRUCTION NOTES:

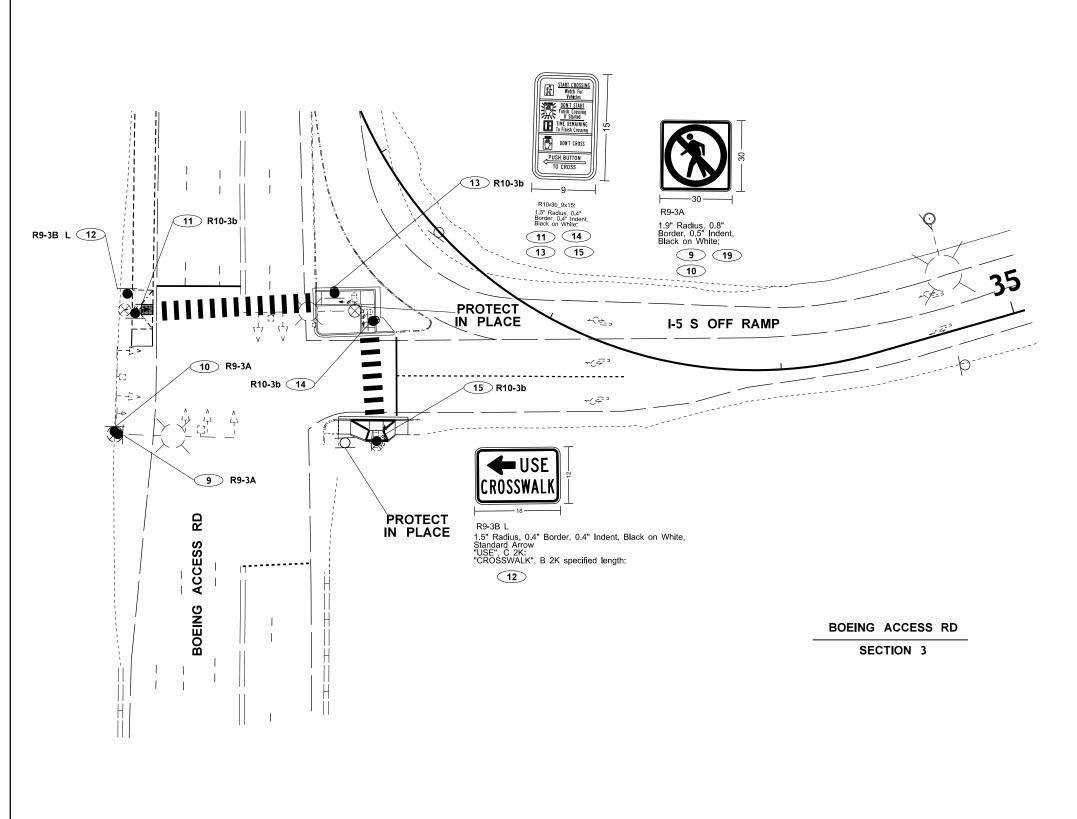
POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.

FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

FILE NAME	T:\414121\Traffic Design_PROJECTS\Varies\XL 6544 NWR HMA Ramps Crack Seal	and Pavemen	t Repair 2023	CAD\XL65	644_PS_SN.dgn					Plot 3
TIME	11:03:17 AM		REGION NO.	STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	1/17/2024		10	WASH						SS2
PLOTTED BY	RothSo		10	WASH					NORTHWEST REGION RAMPS	
DESIGNED BY	S. ROTH		JOB N					Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	S. ROTH		23A	013				3		74
CHECKED BY	E. HAVENS		CONTR	ACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE					DATE	DATE	-	SIGN SPECIFICATIONS	152 SHEETS
REGIONAL ADM.	B. NIELSEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SIIEE IS







LEGEND

?

SIGN INSTALLATION NOTE



SIGN REMOVAL NOTE
EXISTING LOCATION
SIGN RELOCATION NOTE

NEW LOCATION

d d Existing sign and/or post

■ NEW SIGN AND/OR POST

			_
	-00		
U	20		40
	SCALE IN	FEET	

FILE NAME	T:\414121\Traffic Design_PRO	JECTS\Varles\XL 6544 N	IWR HMA	Ramps Crack S	Seal and	Pavement	Repa	lr 2023\	CAD\XL	6544_PS_SN.	dgn	
TIME	11:03:20 AM							REGION NO.	STATE	FED.AID	PROJ.NO.	Ι.
DATE	1/17/2024							10	WASH			₹
PLOTTED BY	RothSo							10	WASH			11
DESIGNED BY	S. ROTH							JOB N				17
ENTERED BY	S. ROTH							23A	013			,
CHECKED BY	E. HAVENS							CONTR	ACT NO.	LOCA	ATION NO.	
PROJ. ENGR.	K. NDILE											
REGIONAL ADM.	B. NIELSEN	F	REVISION			DATE	BY					



	W Departr
DATE	

Washington State	l
Department of Transportation	l

	I-5 ET AL.	
NORTHWE	EST REGION RAMPS	
НМА	PAVING & ADA	

A PAVING & ADA	SHEET 76 OF
SIGNING PLAN	152 SHEETS

Plot 5 PLAN REF NO **S2**

	MINII	MUM	LANE	CLOSI	JRE T	APER	LENG	ΓH = L	_ (feet))
LANE	Posted Speed (mph)									
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	
12	125	180	245	320	540	600	660	720	780	840

	MIM	NIMUM	SHOU	JLDER	TAPE	R LEN	IGTH	= L/3	(feet)	
SHOULDER				Pos	ted Sp	eed (n	nph)			
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240
į	USE A I	MINIMUN	1 3 DEV	ICES TA	PER FC	R SHO	JLDER I	LESS TH	IEN 8'.	

CHANNELIZATION DEVICE SPACING (feet)							
MPH	TAPER	TANGENT					
50/70	40	80					
35/45	30	60					
25/30	20	40					

SIGN SPACIN	IG = X (1)	
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' ± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' ± (2)
(1) ALL SPACING MAY BE ADJUSTED TO	ACCOMMODATE IN	TEDCHANGE

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

BUFFER DATA									
LONGITUDINAL BUFFER SPACE = B									
) 25	30	35	40	45	50	55	60	65	70
NGTH (feet) 155		250	305	360	425	495	570	645	730
RTABLE	ATTEN	UATO	R RO	LL A	HEAD	DIST	ANCE	= R	
				ŀ				НТ	
45-55 MPH	>	> 55 MPH		< 45 MPH		45-55 MPH		> 55 MPH	
100' 123'				74'		100'		150'	
)	25 155 RTABLE A EHICLE WE TO 22,000 45-55 MPH	LONGITUDI 25 30 155 200 RTABLE ATTEN EHICLE WEIGHT TO 22,000 lbs. 45-55 MPH >	LONGITUDINAL	LONGITUDINAL BUFFE 25 30 35 40 155 200 250 305 RTABLE ATTENUATOR ROEHICLE WEIGHT TO 22,000 lbs. 45-55 MPH > 55 MPH <	LONGITUDINAL BUFFER SF 25 30 35 40 45 155 200 250 305 360 RTABLE ATTENUATOR ROLL AI EHICLE WEIGHT TO 22,000 lbs. Head of the color of	LONGITUDINAL BUFFER SPACE 25 30 35 40 45 50 155 200 250 305 360 425 RTABLE ATTENUATOR ROLL AHEAD EHICLE WEIGHT TO 22,000 lbs. HOST VALUE HOST VALUE 45-55 MPH > 55 MPH < 45 MPH	LONGITUDINAL BUFFER SPACE = B 25 30 35 40 45 50 55 155 200 250 305 360 425 495 RTABLE ATTENUATOR ROLL AHEAD DISTA EHICLE WEIGHT TO 22,000 lbs. HOST VEHICLE > 22,000 250,000 lbs. 45-55 MPH 45-55 MPH 45-55 MPH 45-55 MPH 45-55 MPH	LONGITUDINAL BUFFER SPACE = B 25 30 35 40 45 50 55 60 155 200 250 305 360 425 495 570 RTABLE ATTENUATOR ROLL AHEAD DISTANCE EHICLE WEIGHT TO 22,000 lbs. HOST VEHICLE WEIG > 22,000 lbs. 45-55 MPH > 55 MPH < 45 MPH	LONGITUDINAL BUFFER SPACE = B 25 30 35 40 45 50 55 60 65 155 200 250 305 360 425 495 570 645 RTABLE ATTENUATOR ROLL AHEAD DISTANCE = R EHICLE WEIGHT TO 22,000 lbs. HOST VEHICLE WEIGHT > 22,000 lbs. 45-55 MPH > 55 MPH < 45 MPH

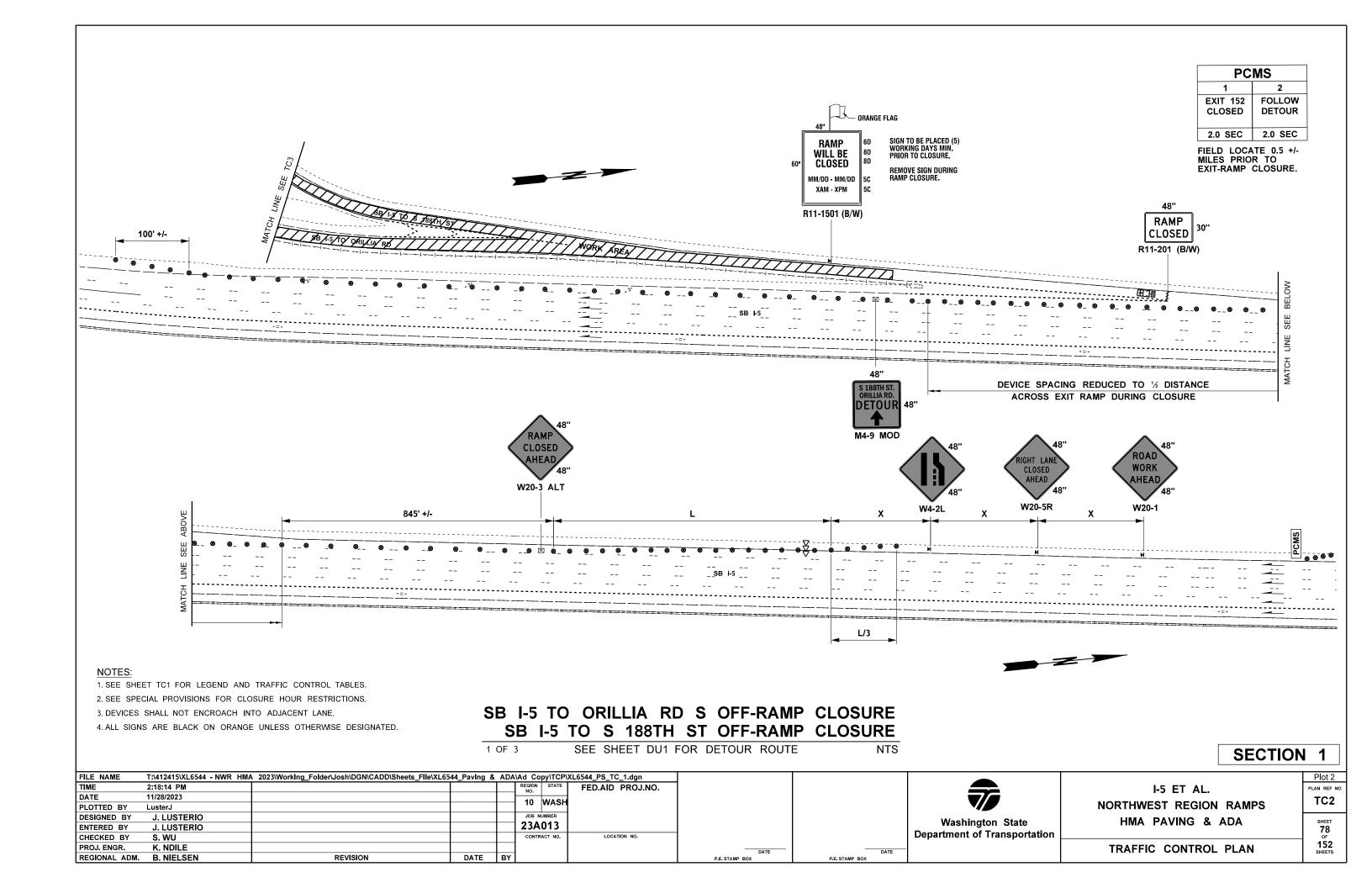
GENERAL NOTES

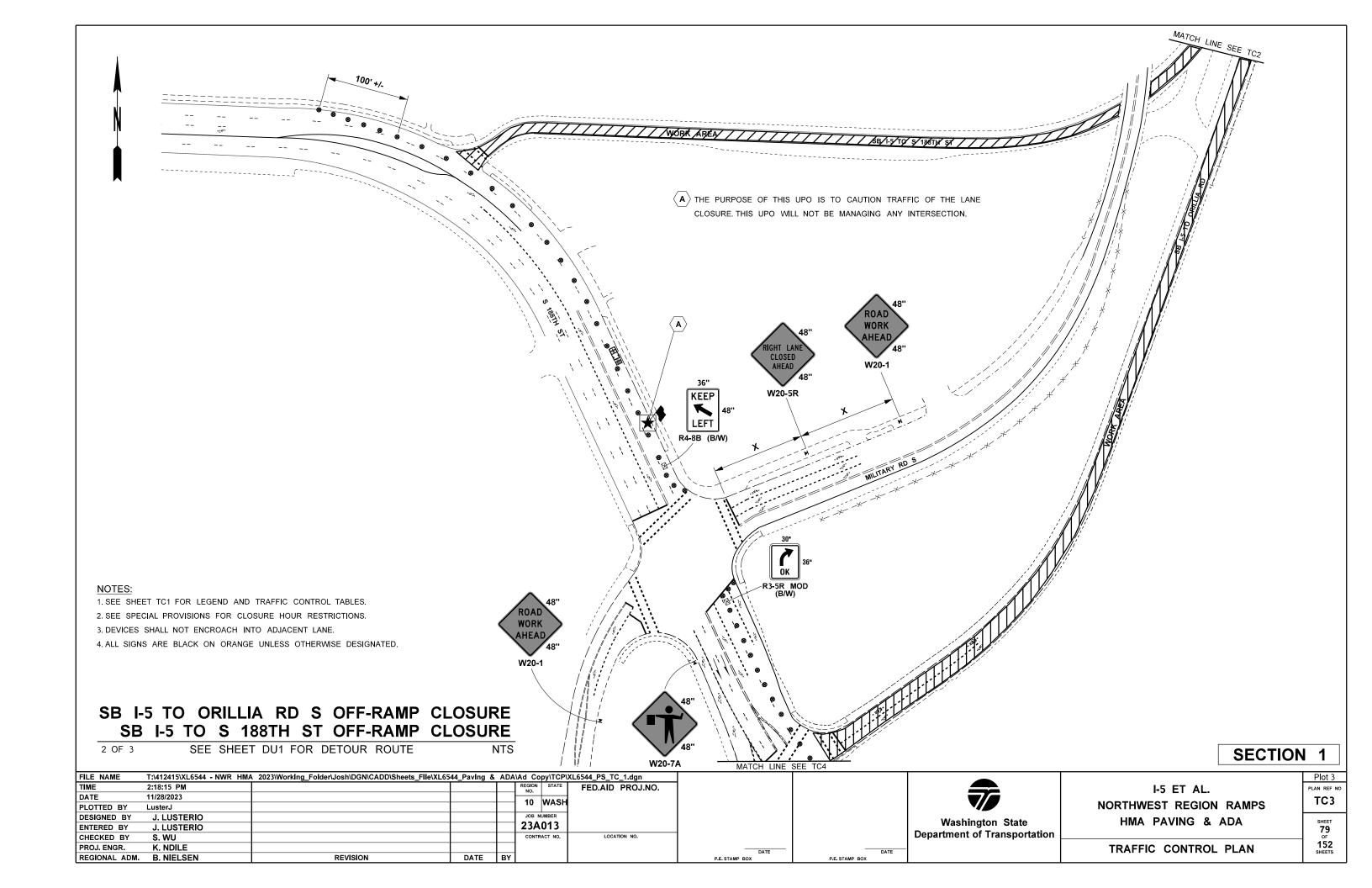
- 1. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' (FT).
- 5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20'(FT).
- 6. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

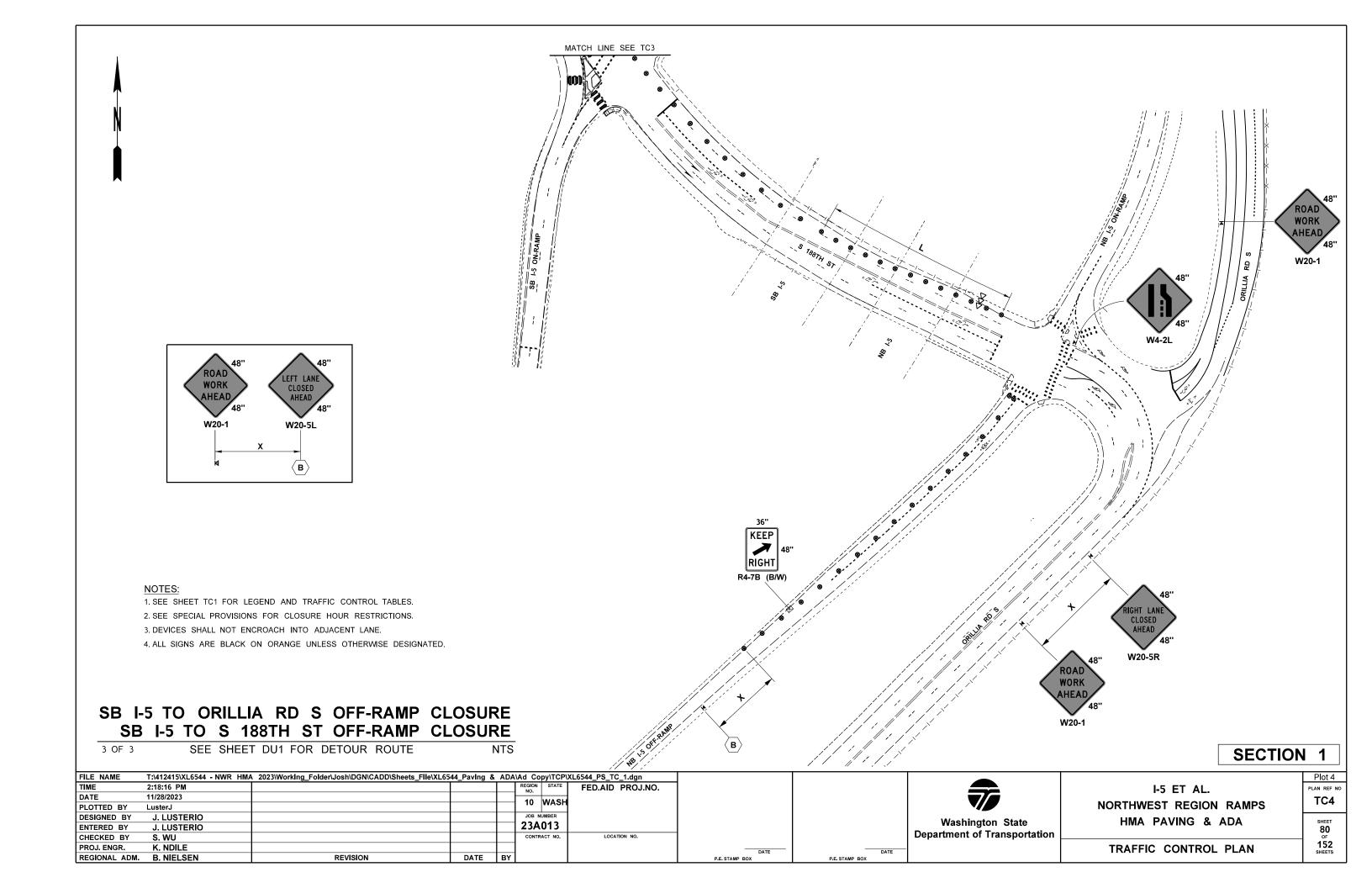


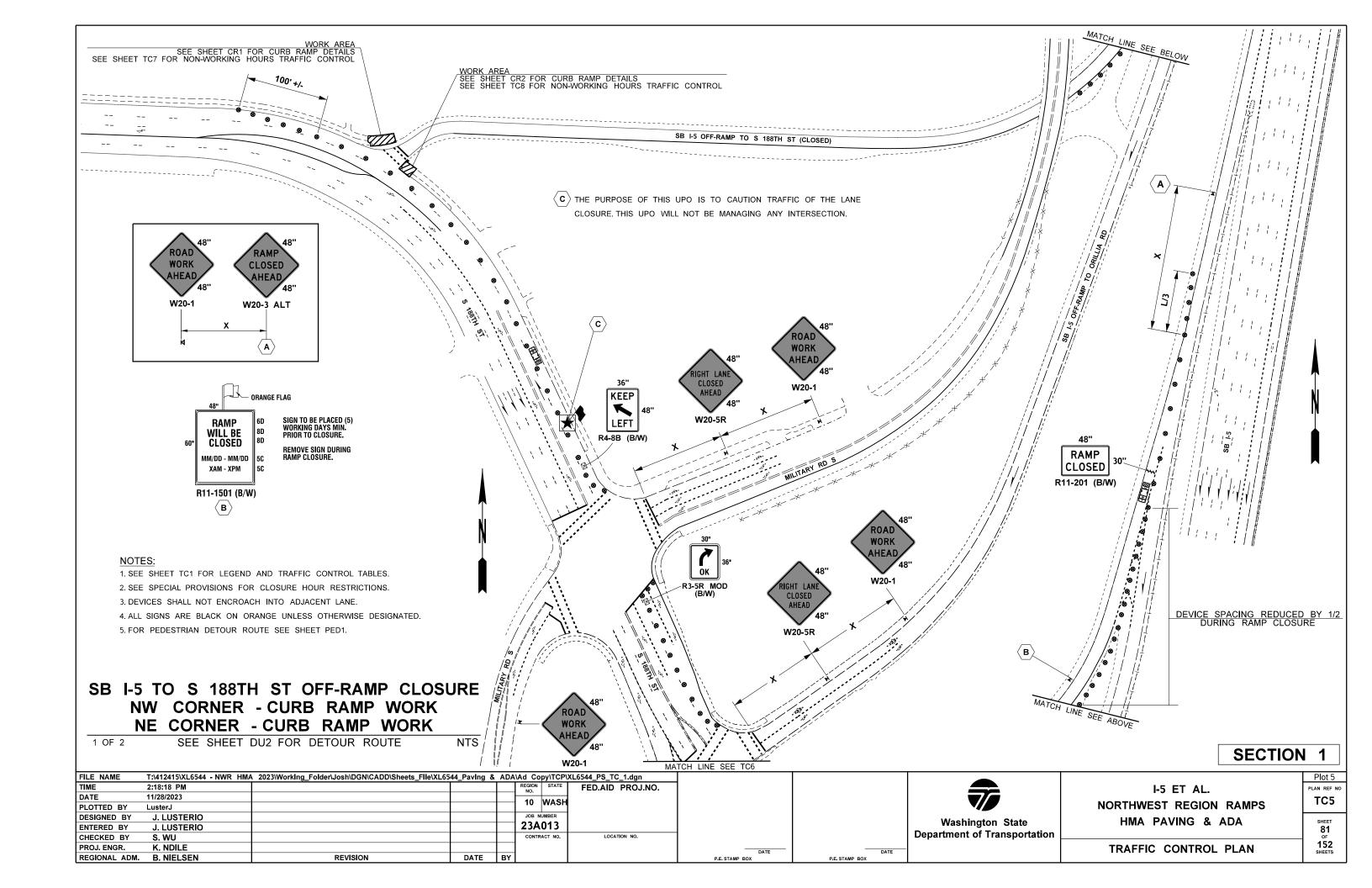
	LEGEND
M	TEMPORARY SIGN LOCATION
	TEMPORARY SIGN LOCATION (5'MOUNTING HEIGHT)
\otimes	TRAFFIC SAFETY DRUM (SEE SPECIAL PROVISIONS)
	42" TALL CHANNELIZING DEVICE
++	TYPE II BARRICADE
+++	TYPE III BARRICADE
	SEQUENTIAL ARROW SIGN
	DIRECTION OF TRAVEL
	WORK AREA
	TRANSPORTABLE ATTENUATOR
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	FLAGGING STATION
*	UNIFORMED POLICE OFFICER

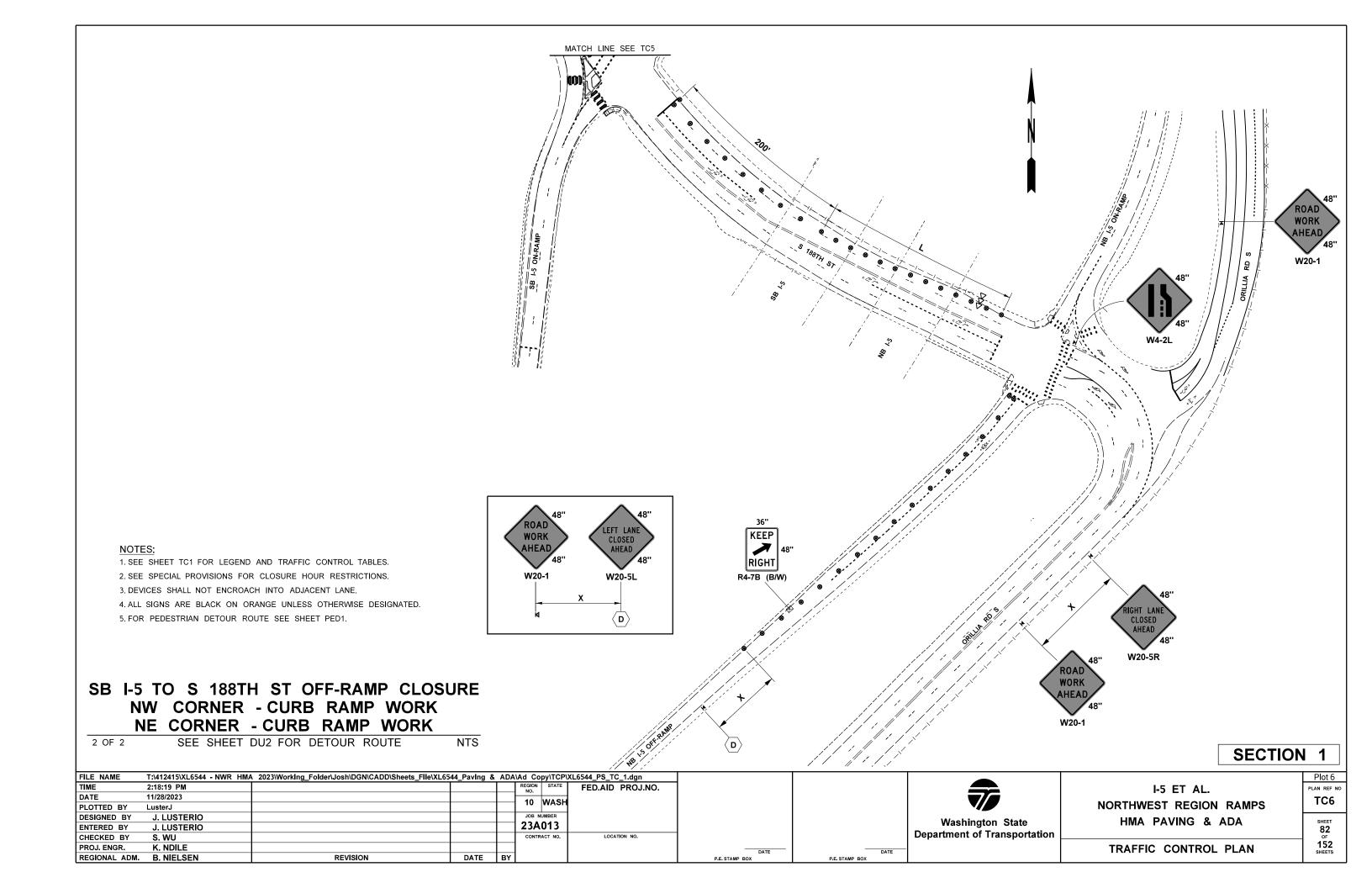
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TIME	2:18:12 PM			REGION S	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	11/28/2023			10 W	V C LI					TC1
PLOTTED BY	LusterJ			10 44	чэн				NORTHWEST REGION RAMPS	
DESIGNED BY	J. LUSTERIO			JOB NUMB				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A01	3			9		77
CHECKED BY	S. WU			CONTRACT	NO. LOCATION NO.			Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE					DATE	DATE	_	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			3112213

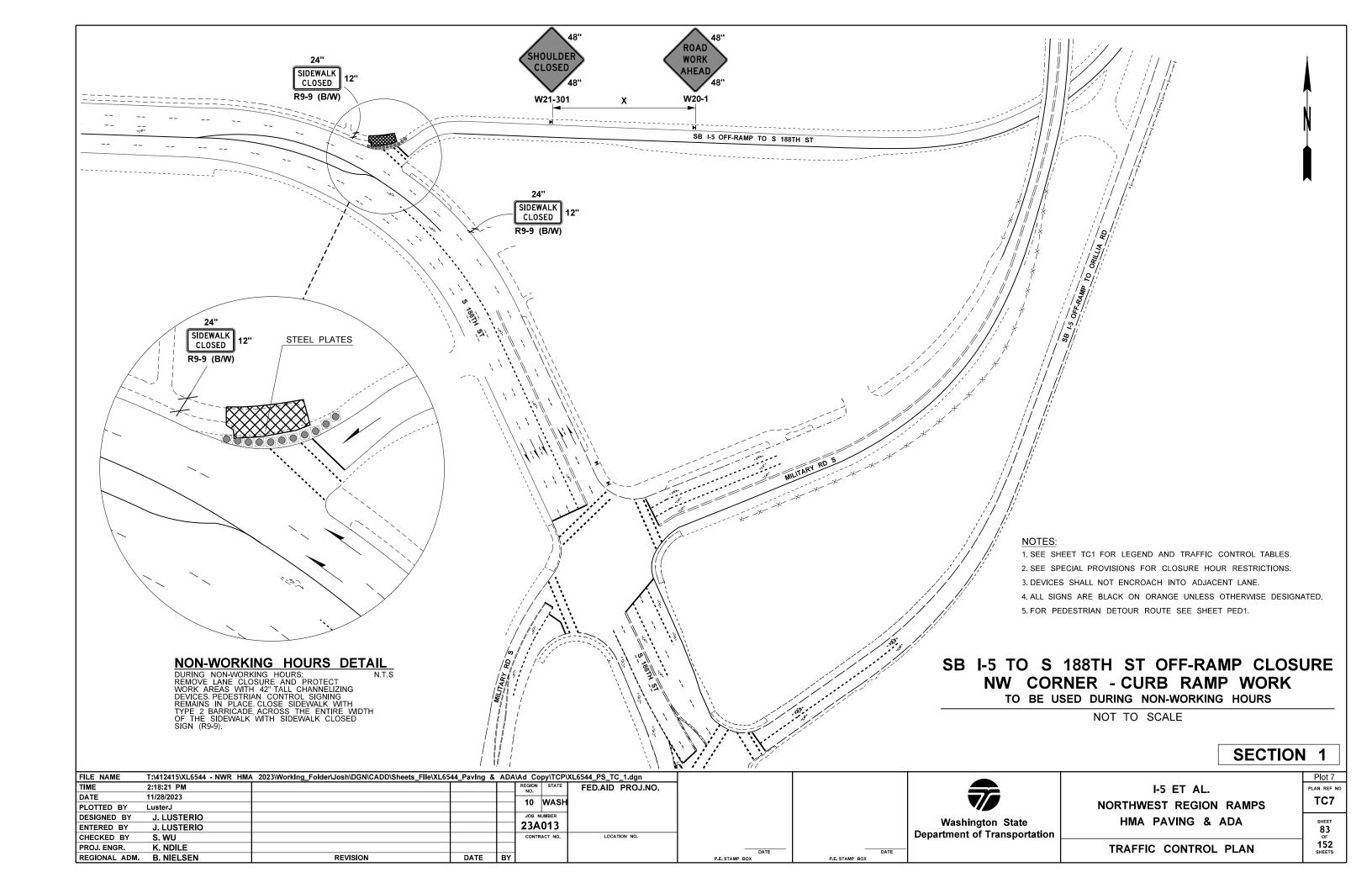


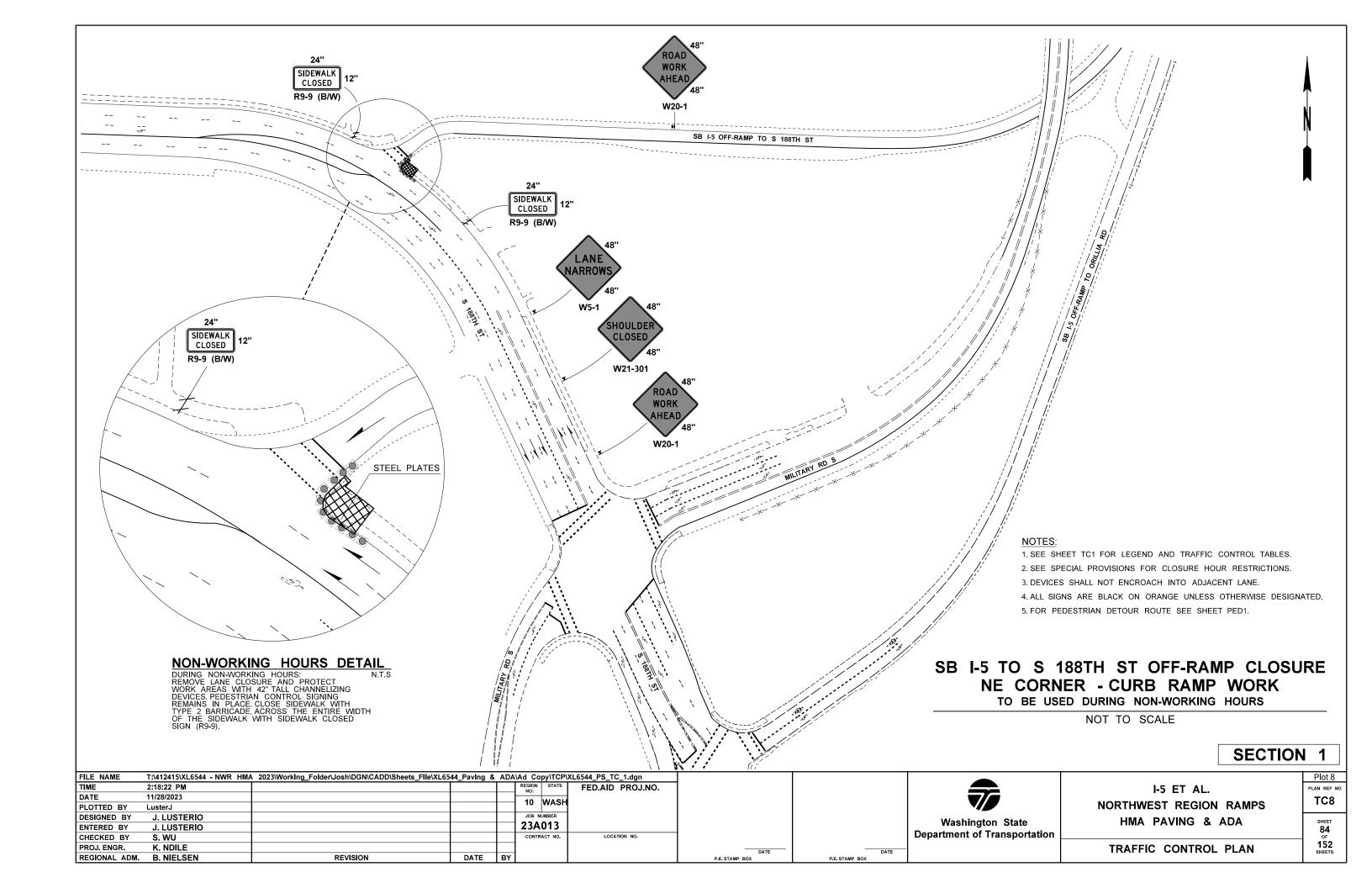


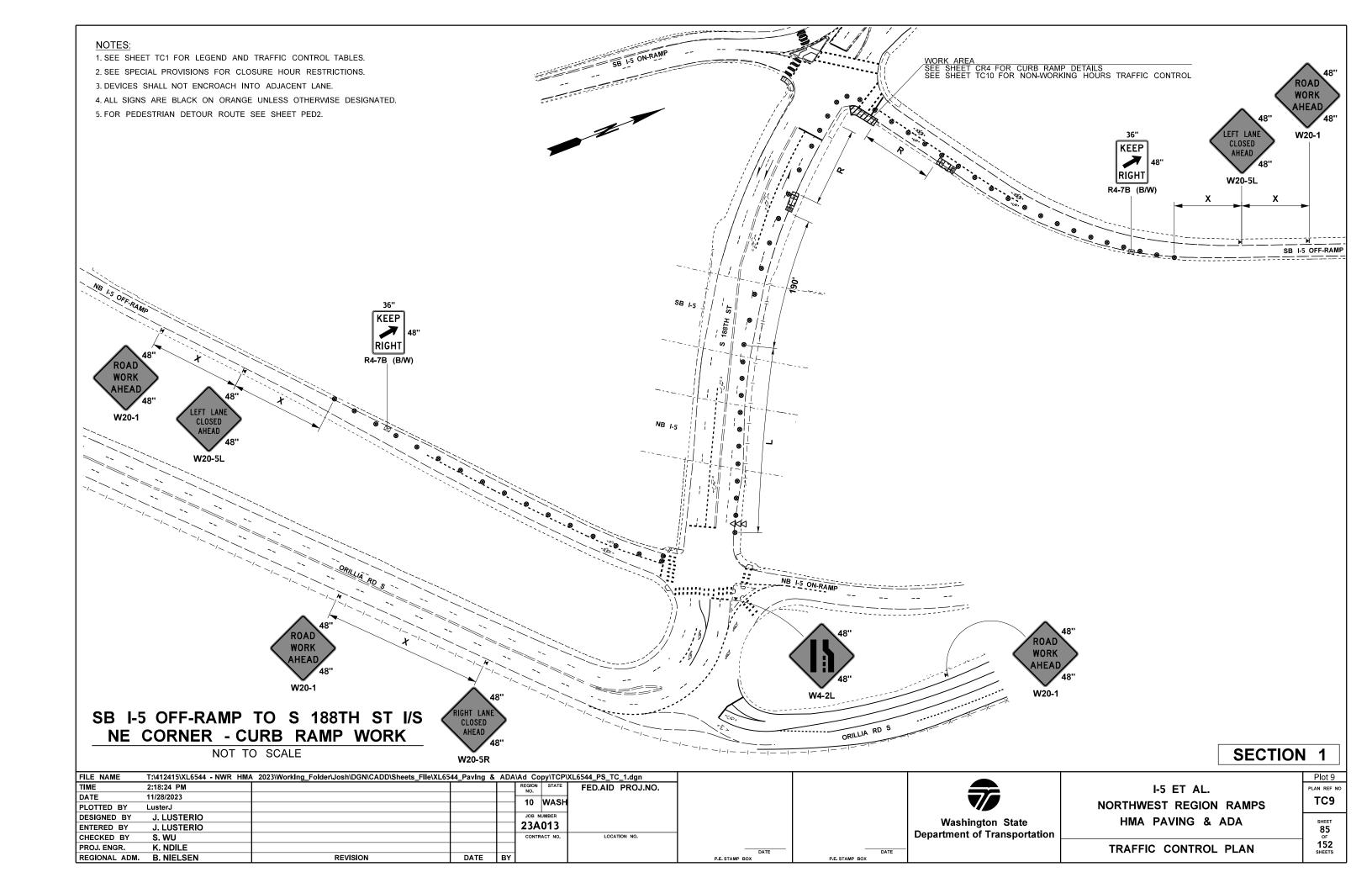


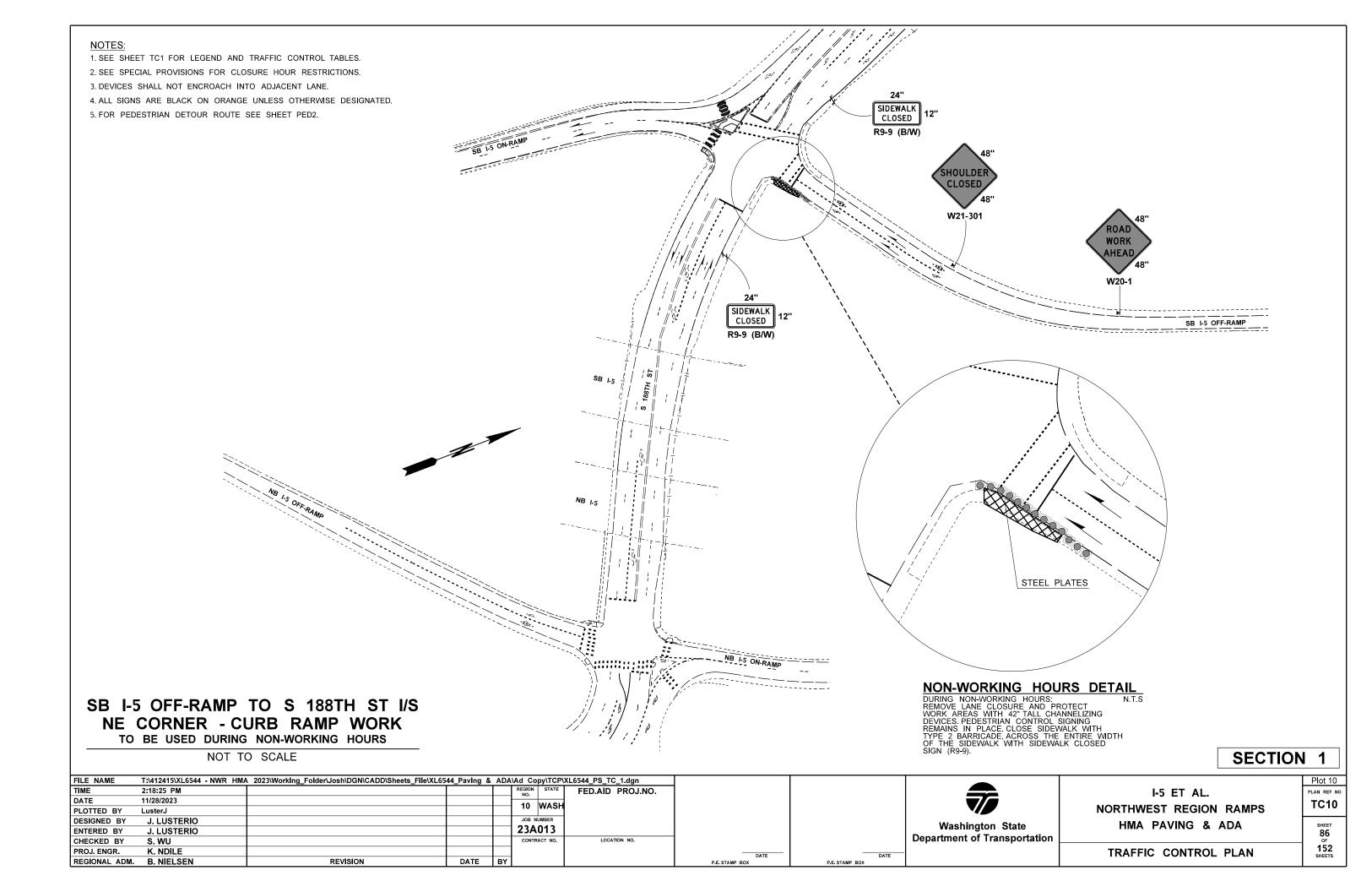


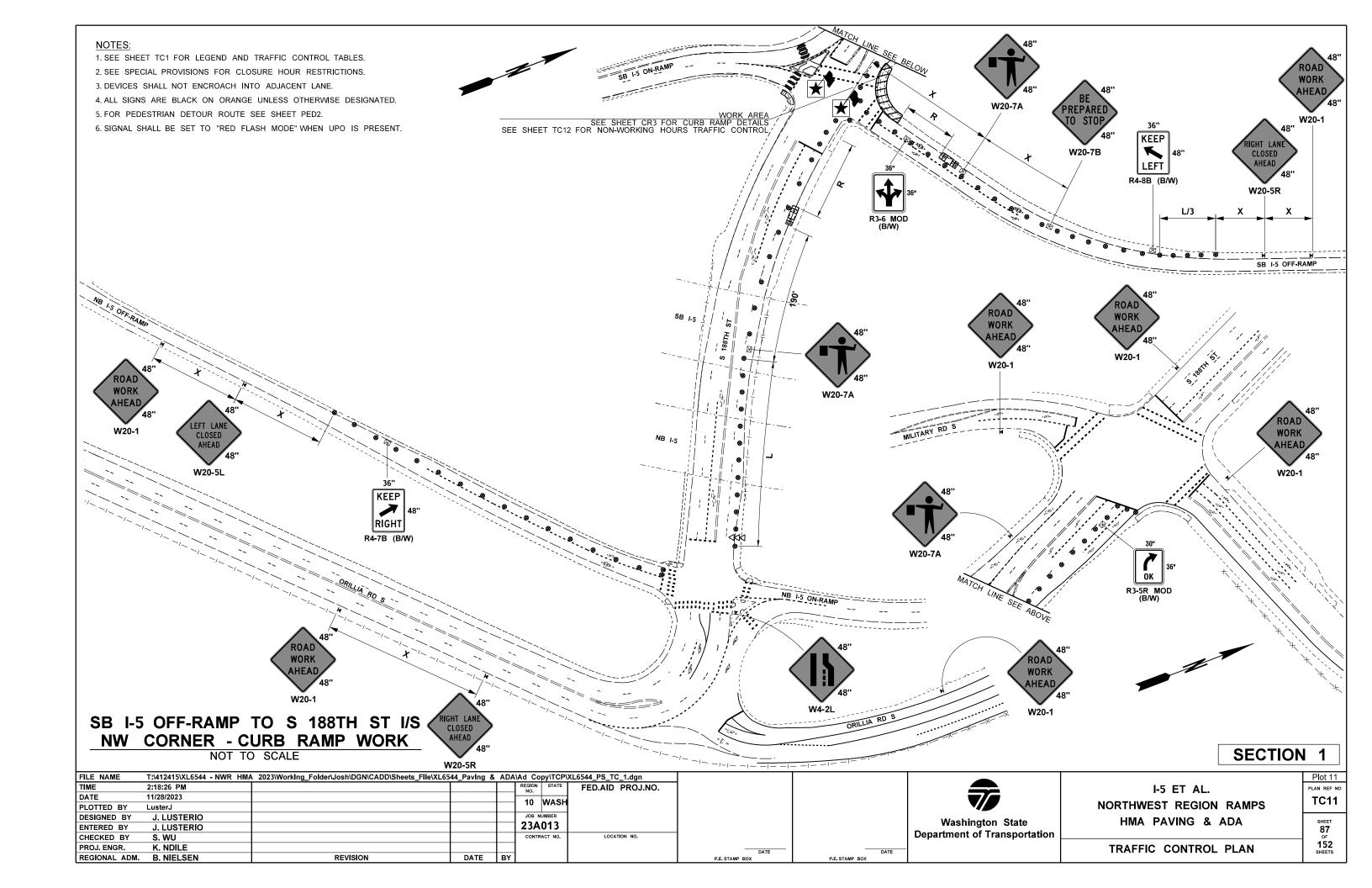


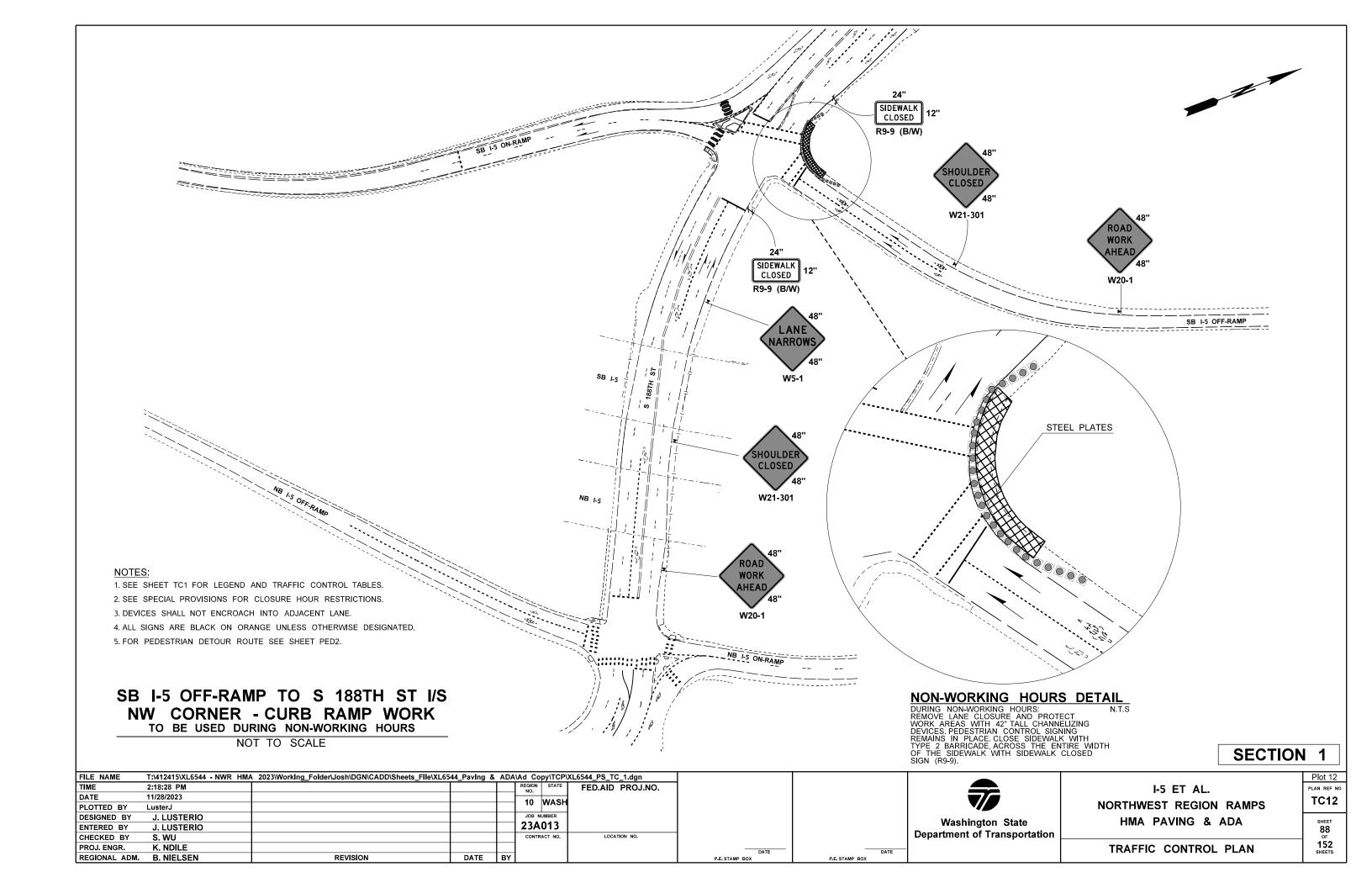


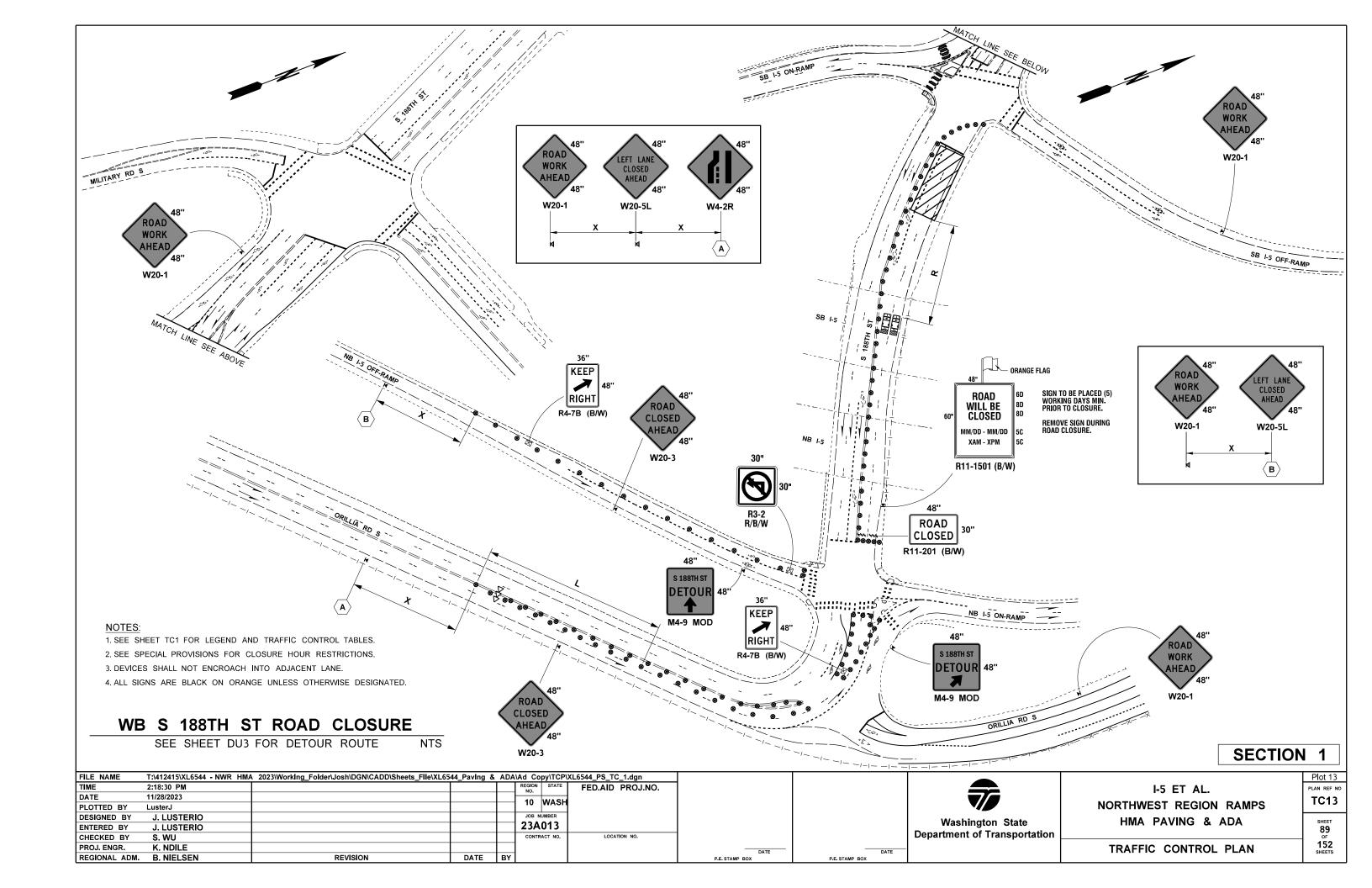


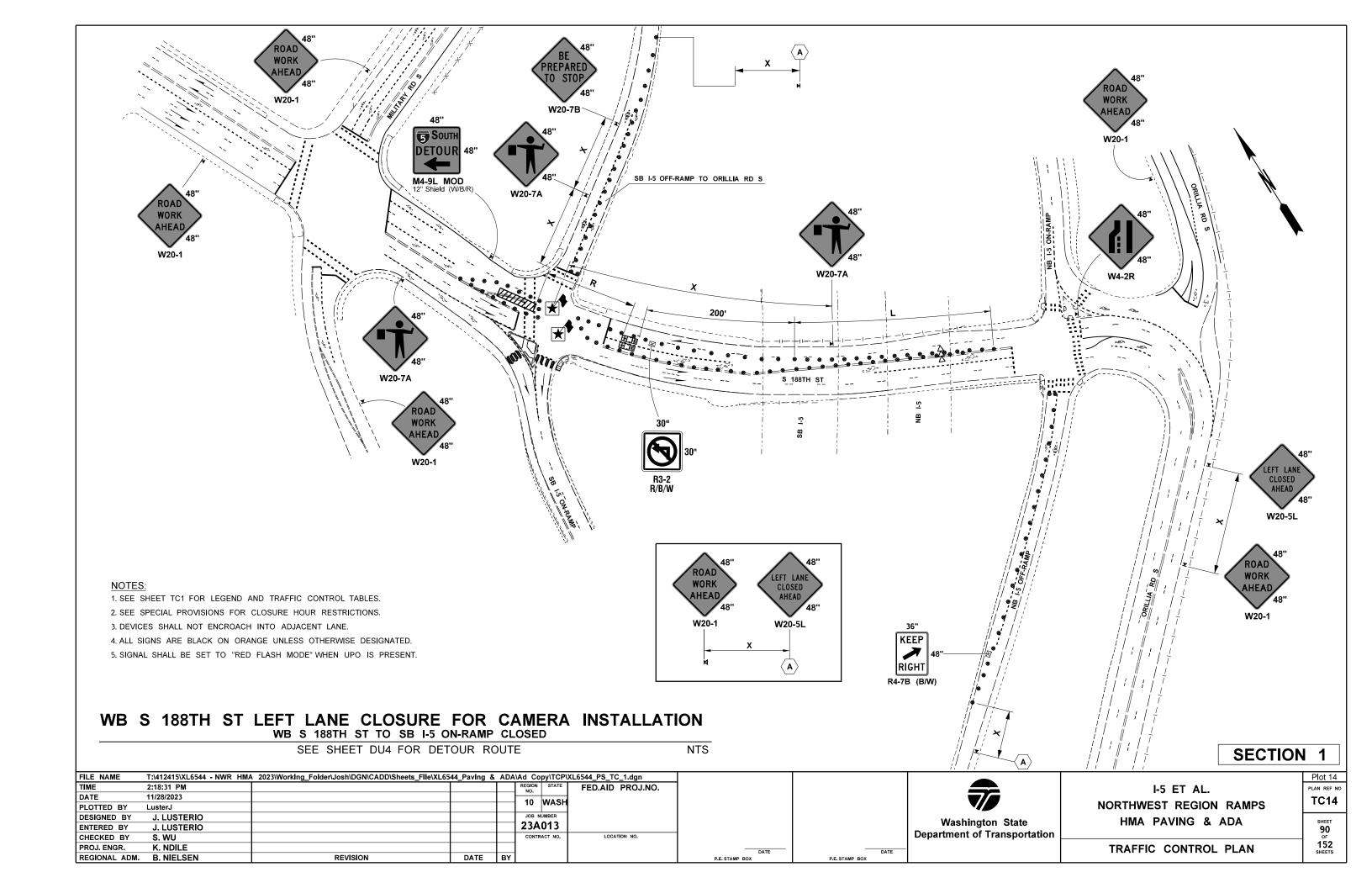


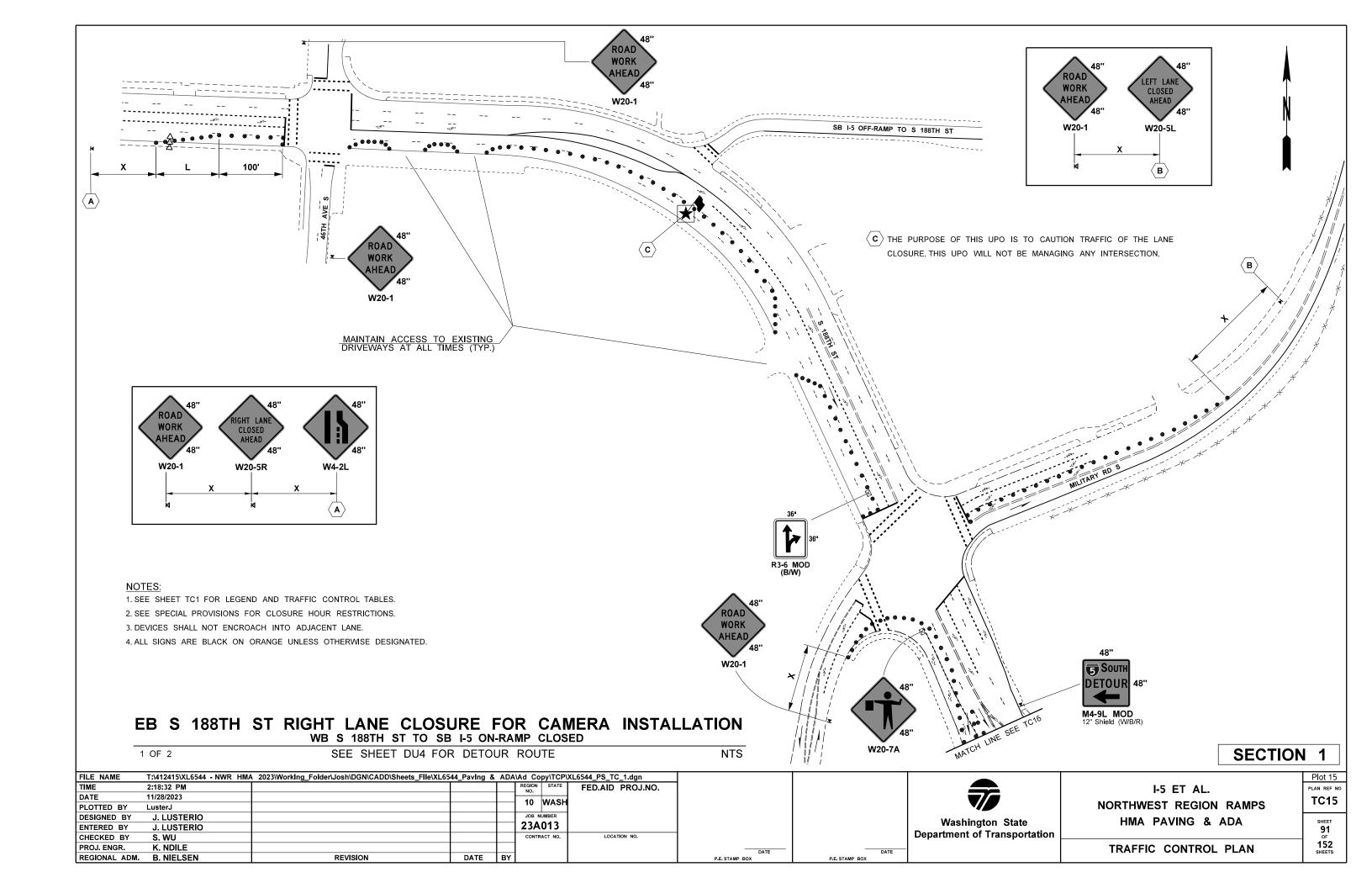


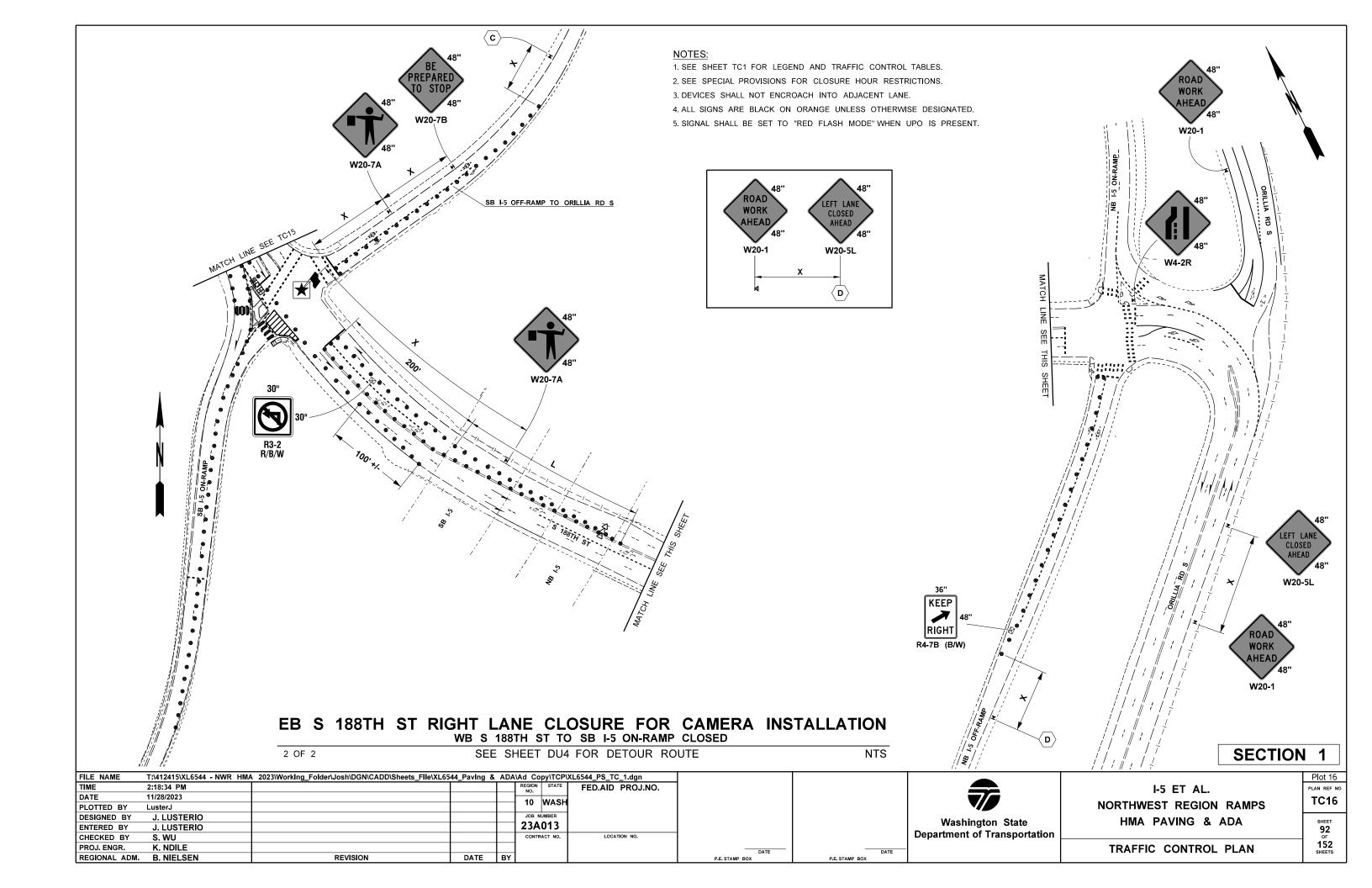


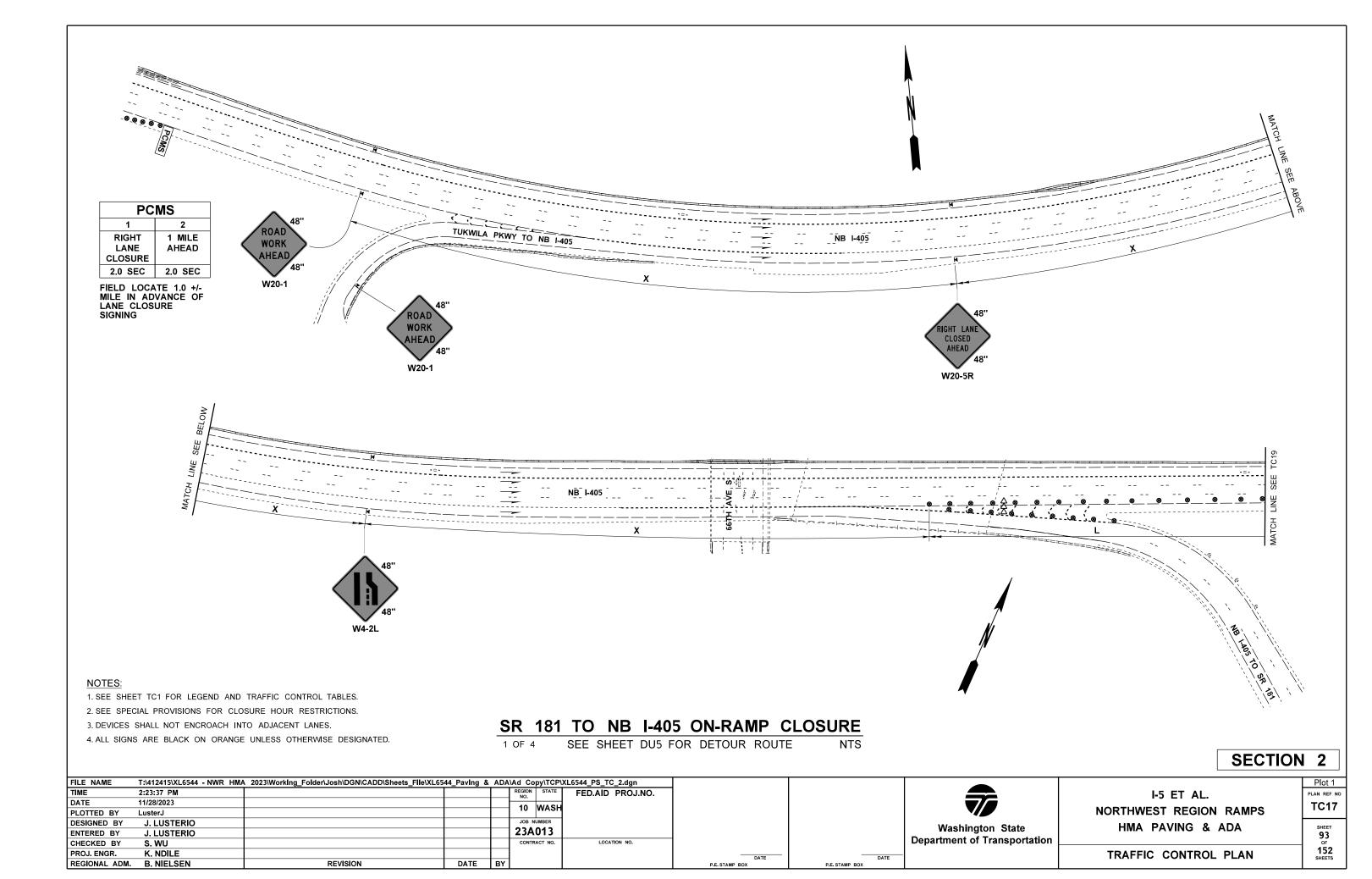


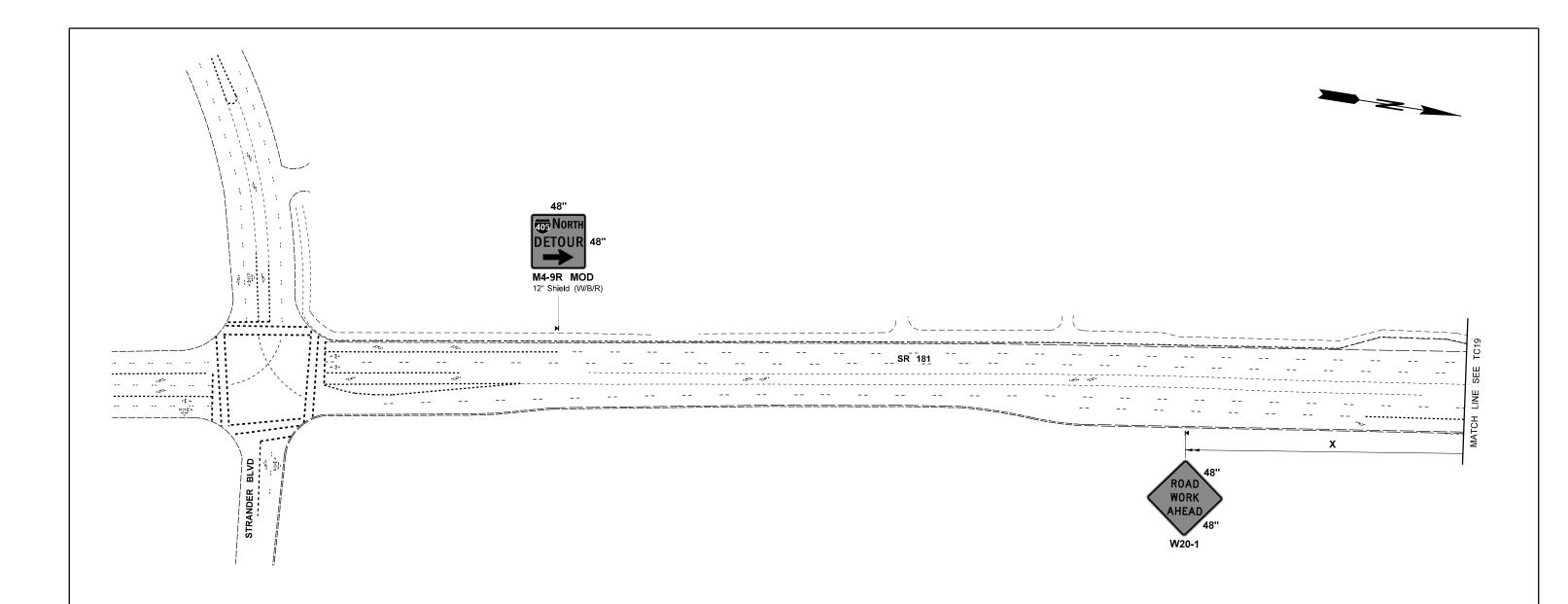












NOTES

- 1. SEE SHEET TC1 FOR LEGEND AND TRAFFIC CONTROL TABLES.
- 2. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANES.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

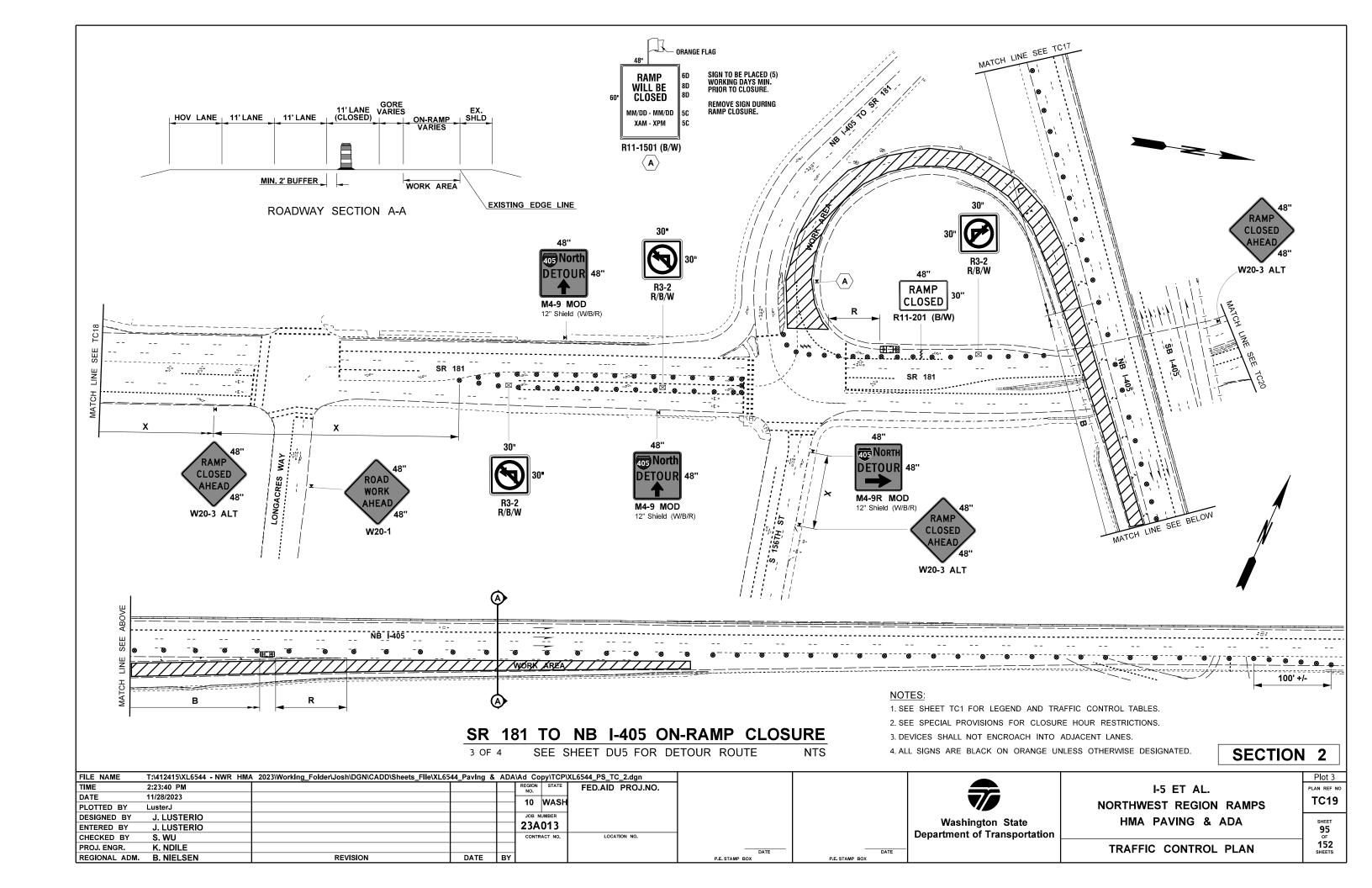
SR 181 TO NB I-405 ON-RAMP CLOSURE

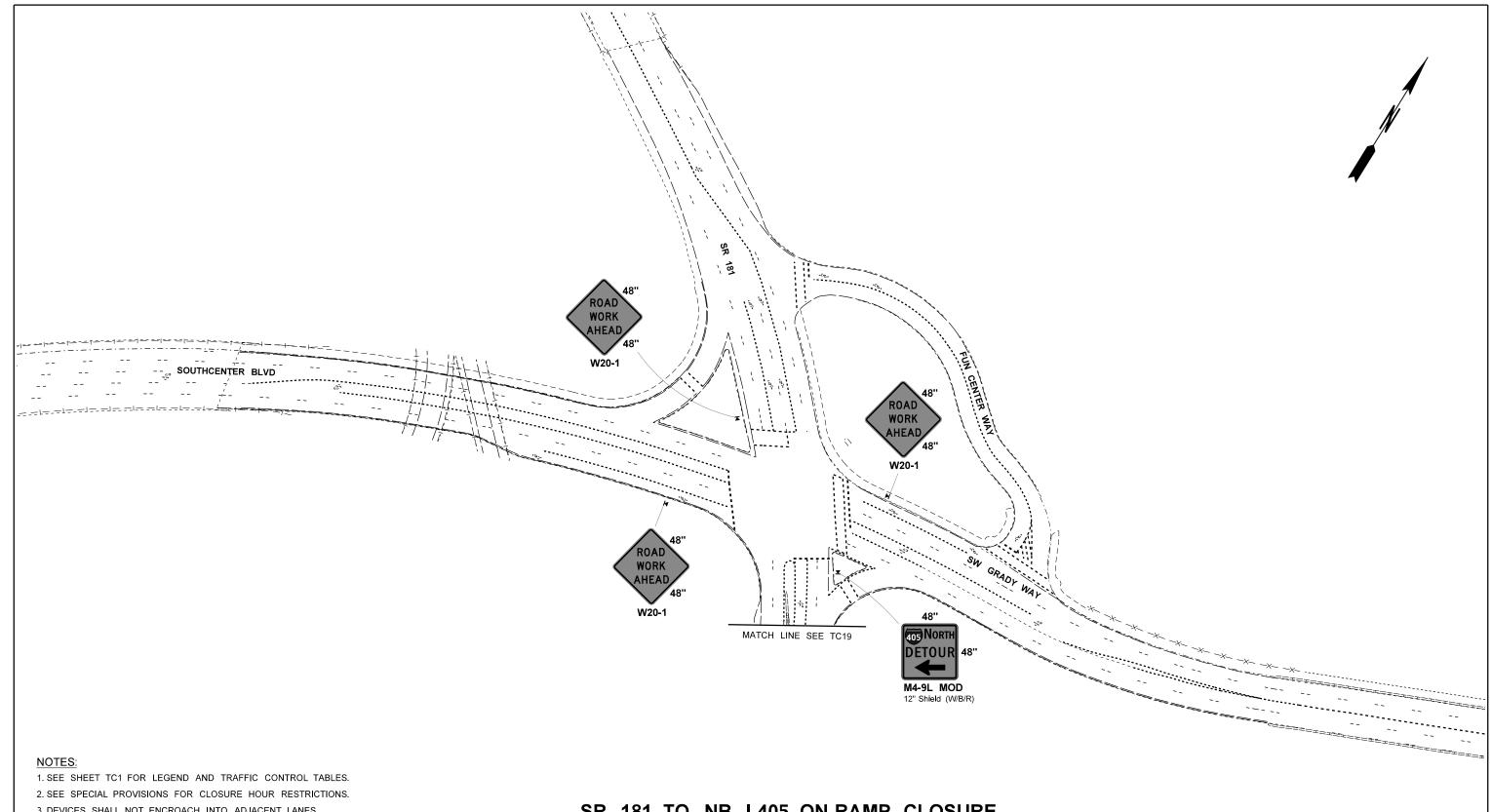
2 OF 4 SEE SHEET DU5 FOR DETOUR ROUTE

NTS

SECTION	ON 2
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FILE NAME	T:\412415\XL6544 - NWR HM	IA 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL6	544_PavIng &	ADA\Ad Copy\TCF	P\XL6544_PS_TC_2.dgn					Plot 2
TIME	2:23:38 PM			REGION STATE	FED.AID PROJ.NO.	1			I-5 ET AL.	PLAN REF NO
DATE	11/28/2023			10 WAS						TC18
PLOTTED BY	LusterJ			IU WAS					NORTHWEST REGION RAMPS	1010
DESIGNED BY	J. LUSTERIO			JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A013				3		94
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE					DATE	DATE	-	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			SHEETS





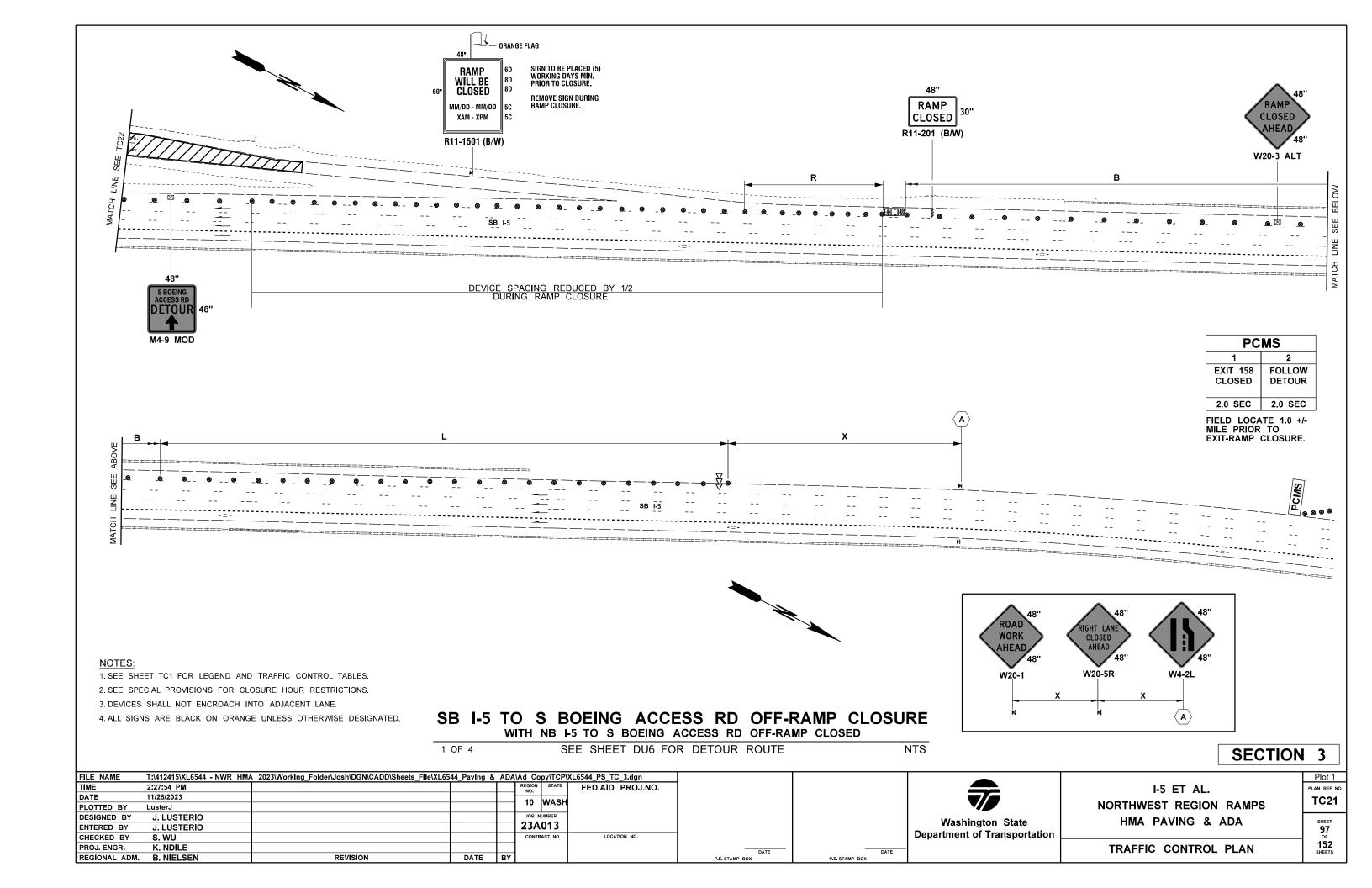
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANES.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

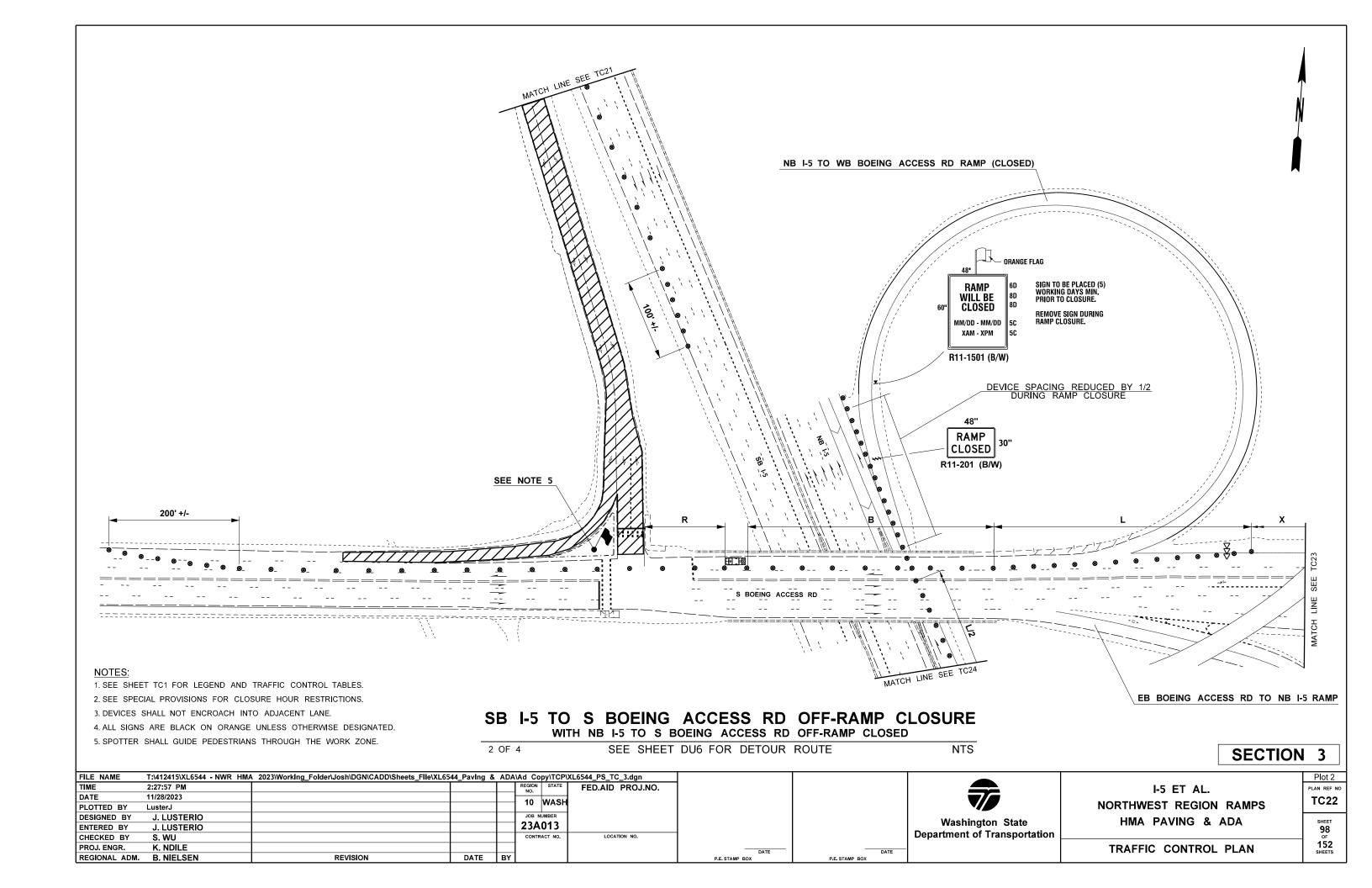
SR 181 TO NB I-405 ON-RAMP CLOSURE

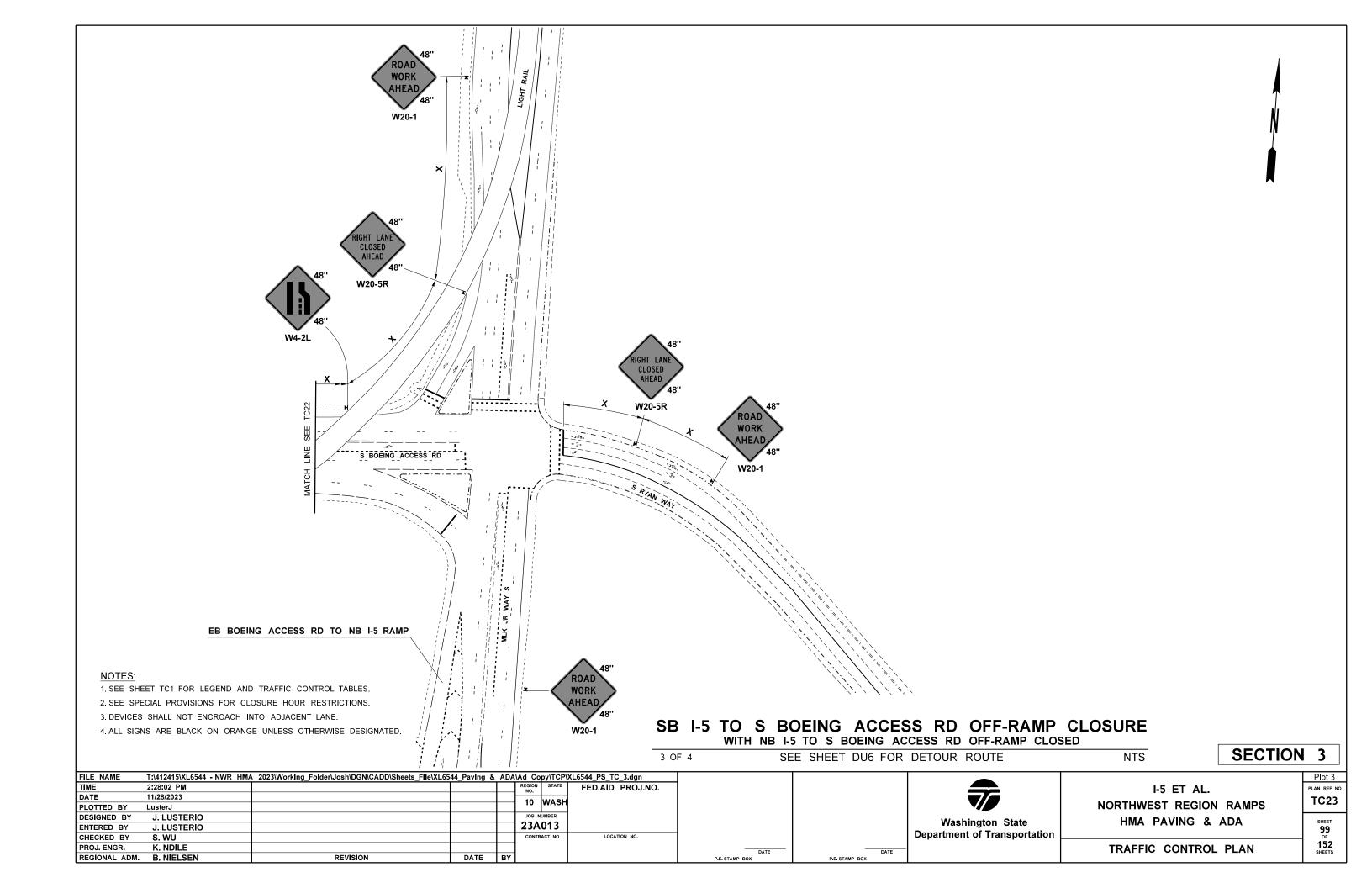
SEE SHEET DU5 FOR DETOUR ROUTE

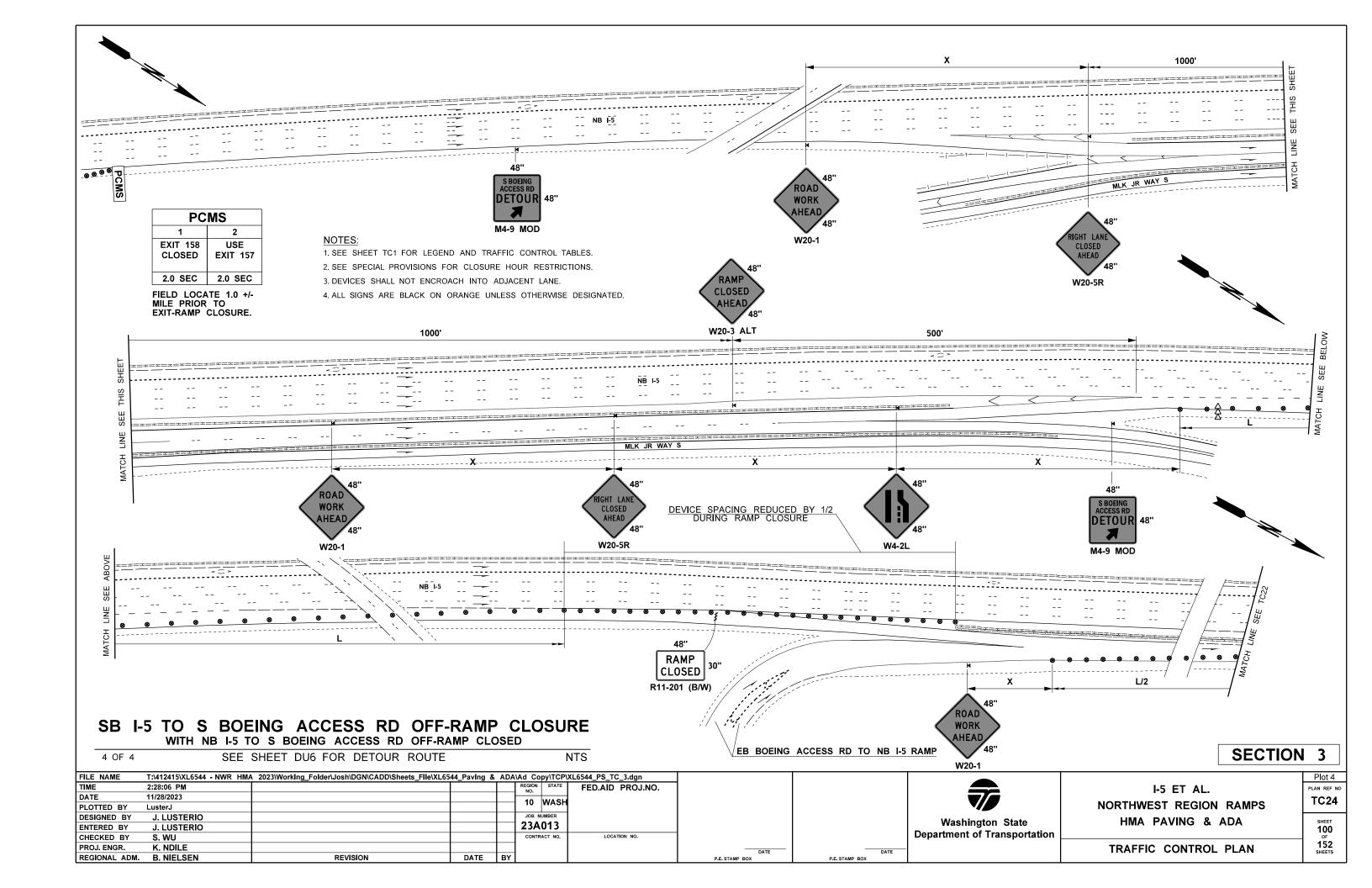
SECTION 2

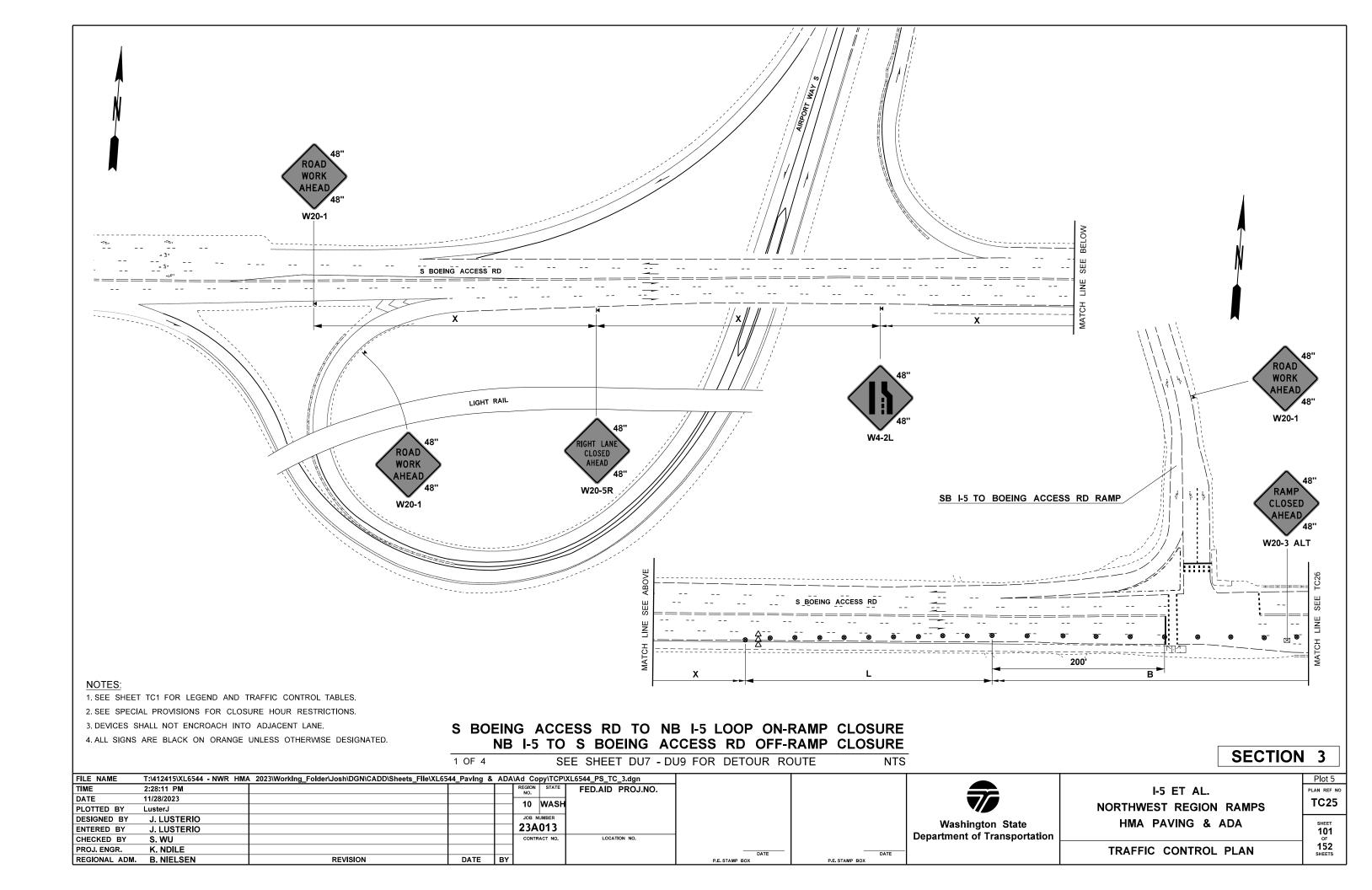
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TIME	2:23:39 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	11/28/2023				10 WASH	1					TC20
PLOTTED BY	LusterJ				IU WASI]				NORTHWEST REGION RAMPS	1020
DESIGNED BY	J. LUSTERIO				JOB NUMBER	1			Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013				9		96
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE	=	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM	I. B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

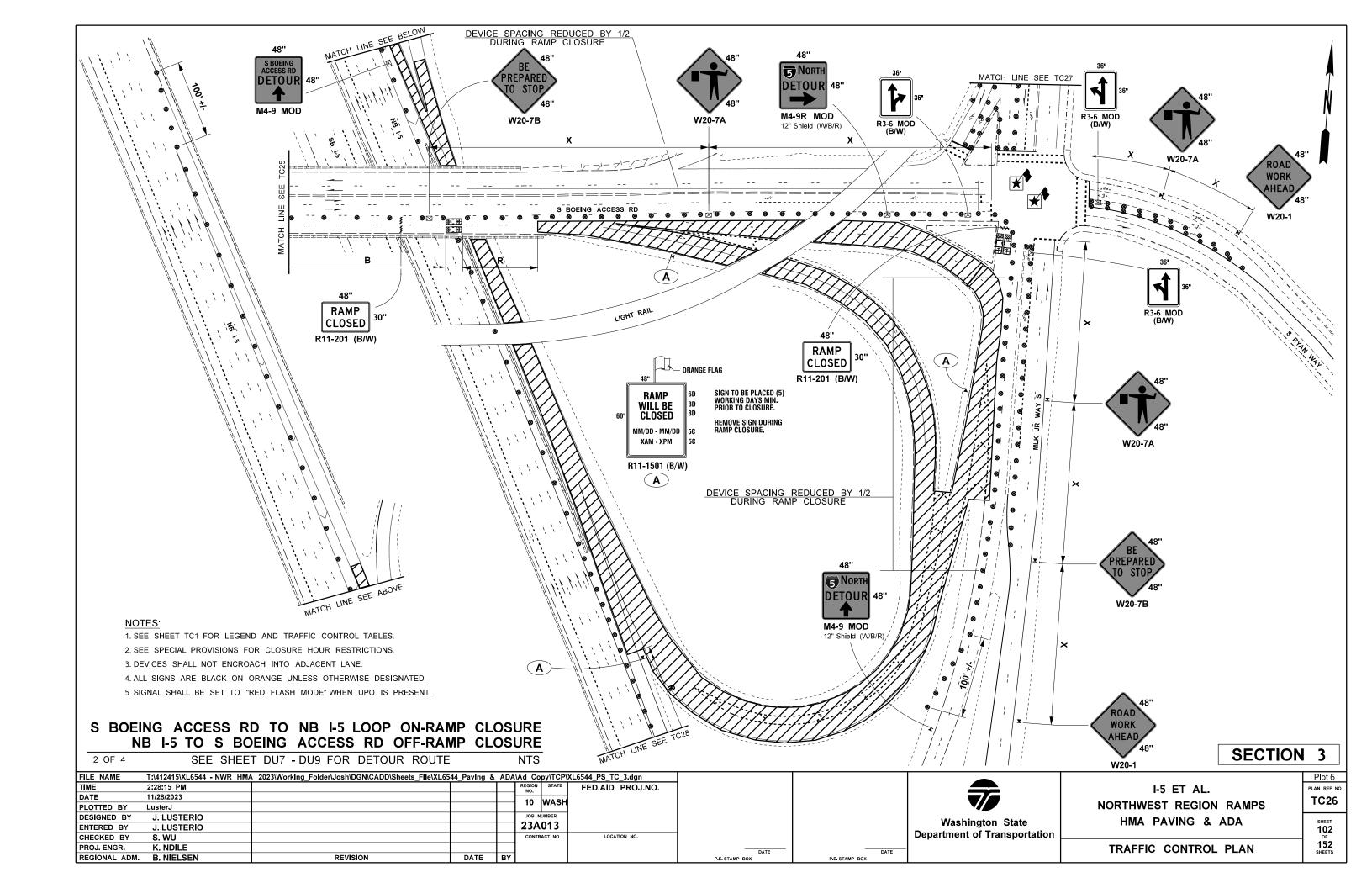




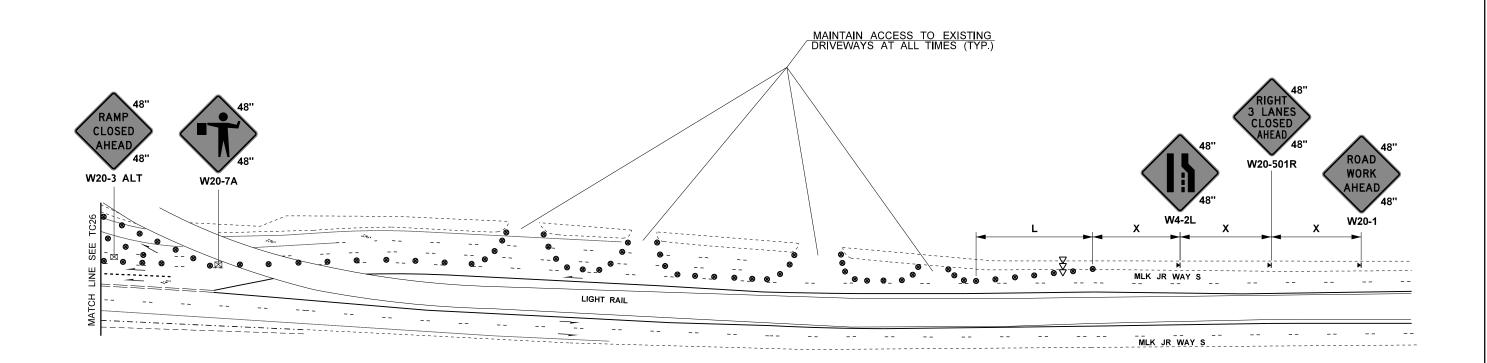












NOTES

- 1. SEE SHEET TC1 FOR LEGEND AND TRAFFIC CONTROL TABLES.
- 2. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

S BOEING ACCESS RD TO NB I-5 LOOP ON-RAMP CLOSURE NB I-5 TO S BOEING ACCESS RD OFF-RAMP CLOSURE

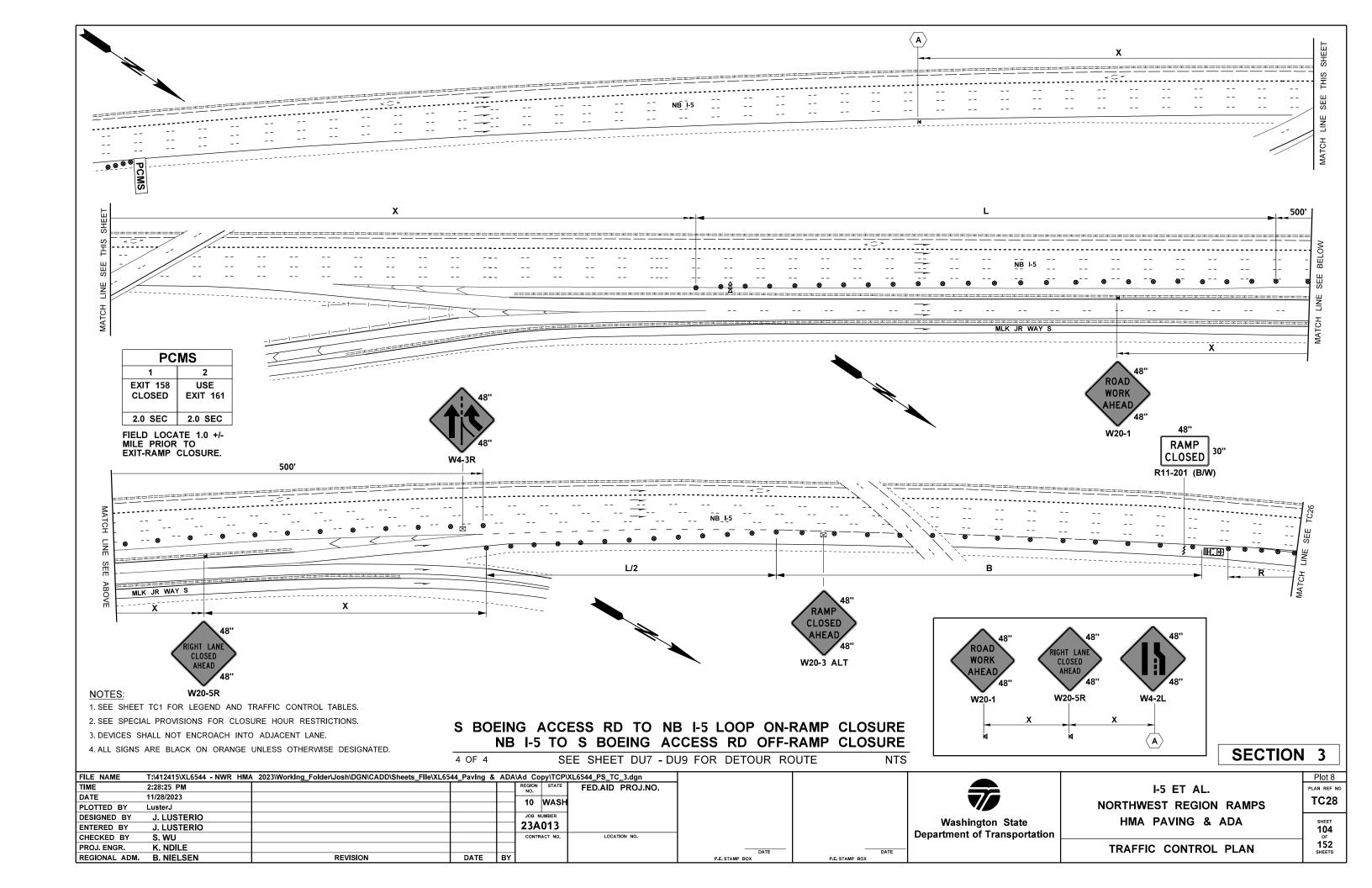
3 OF 4

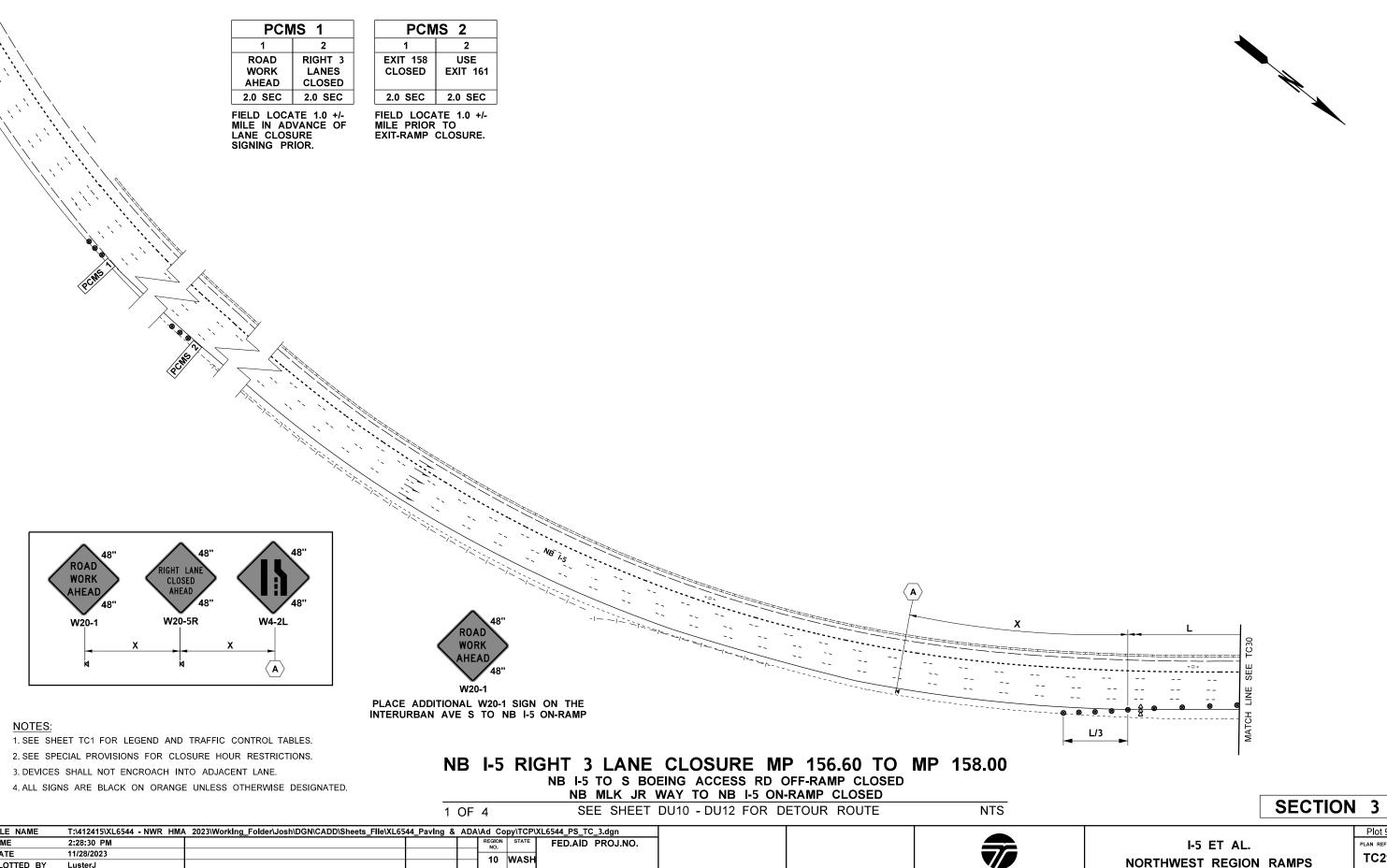
SEE SHEET DU7 - DU9 FOR DETOUR ROUTE

NTS

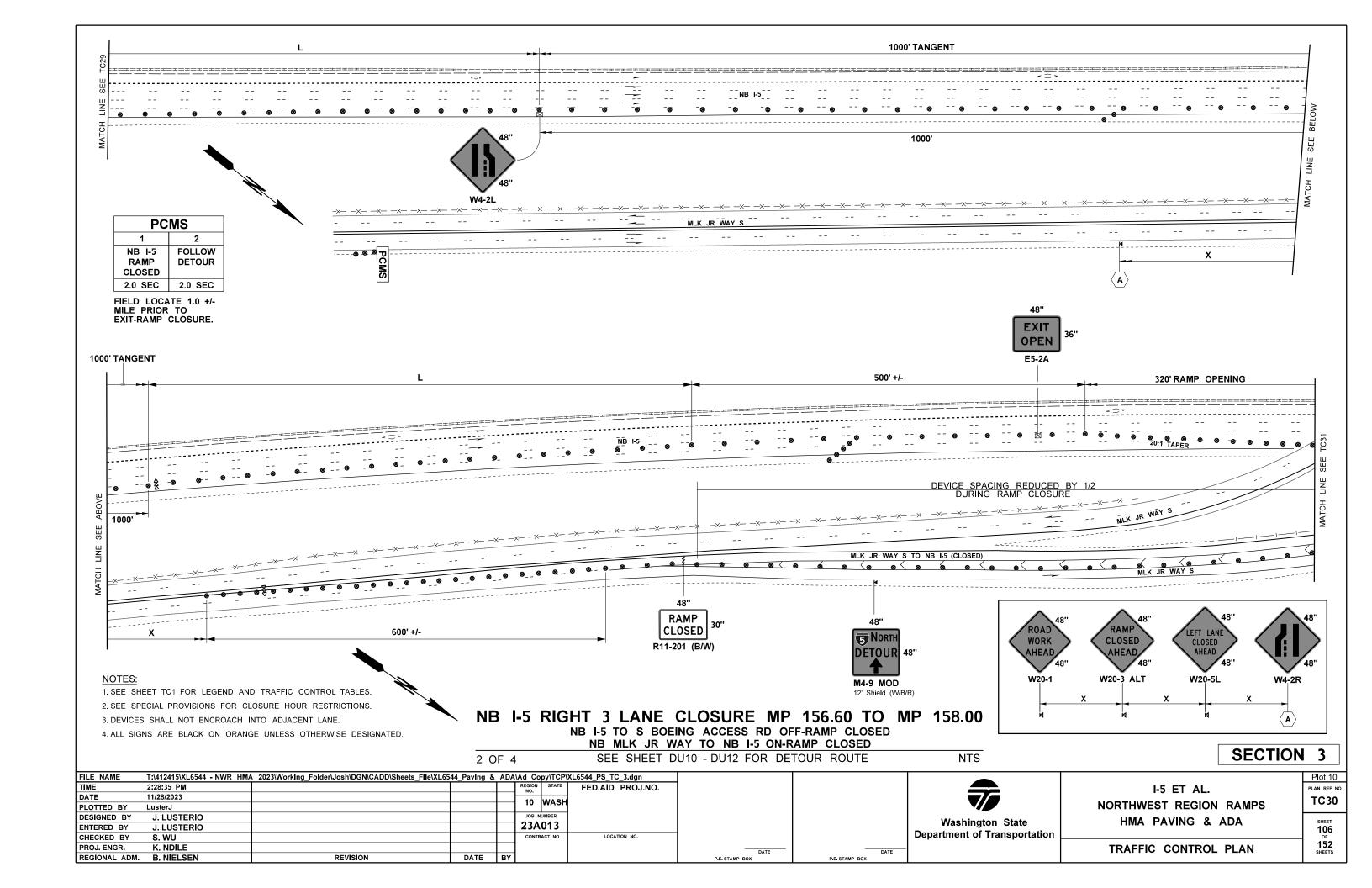
SECTION 3

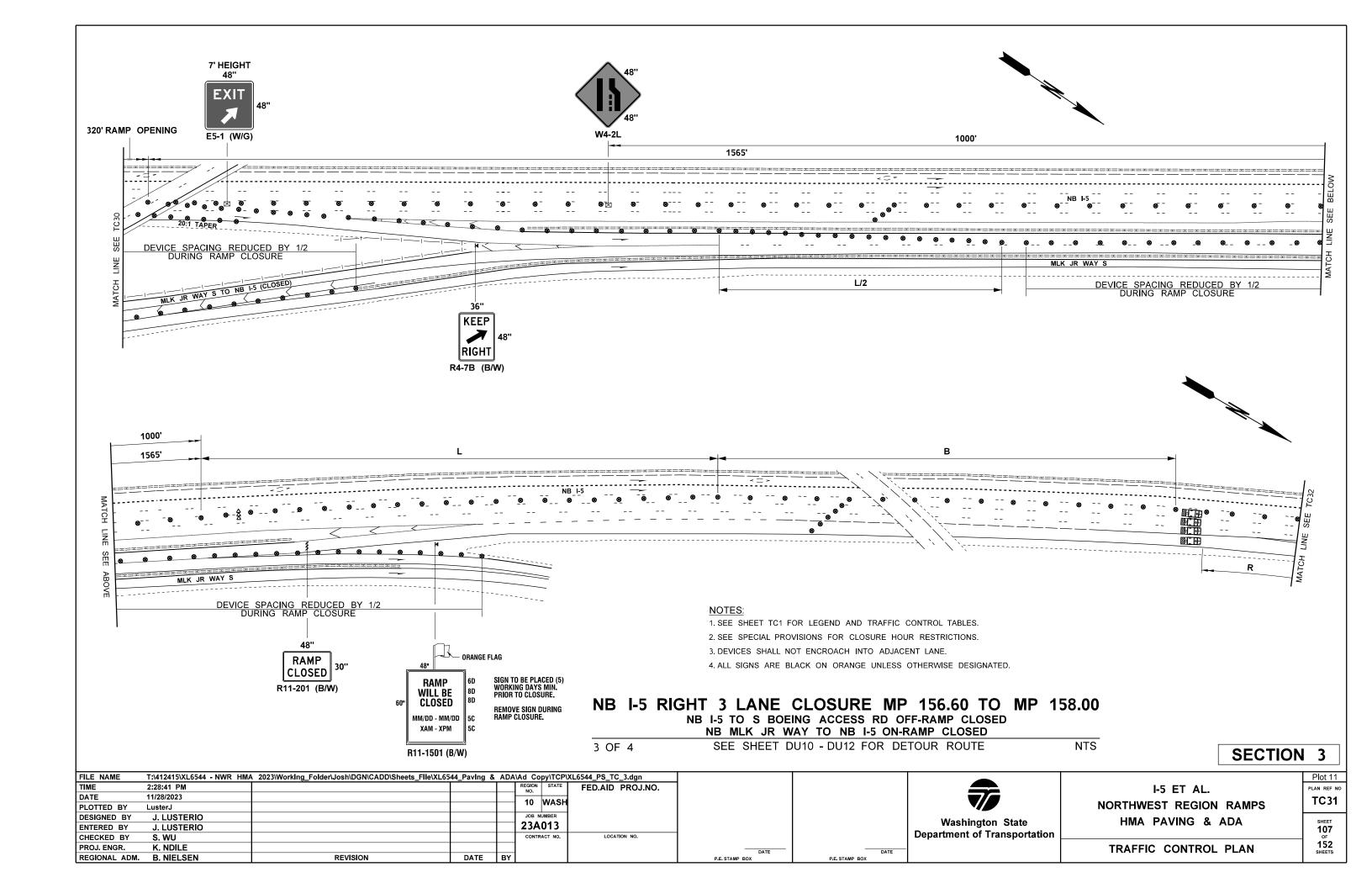
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TIME	2:28:20 PM			REGION S	FED.AI	D PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	11/28/2023			10 W	.eu						TC27
PLOTTED BY	LusterJ			10 10	ЗП					NORTHWEST REGION RAMPS	1027
DESIGNED BY	J. LUSTERIO			JOB NUMB					Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A01	3				3	THIR TAVING & ADA	103
CHECKED BY	S. WU			CONTRACT	10. LO	CATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE		TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

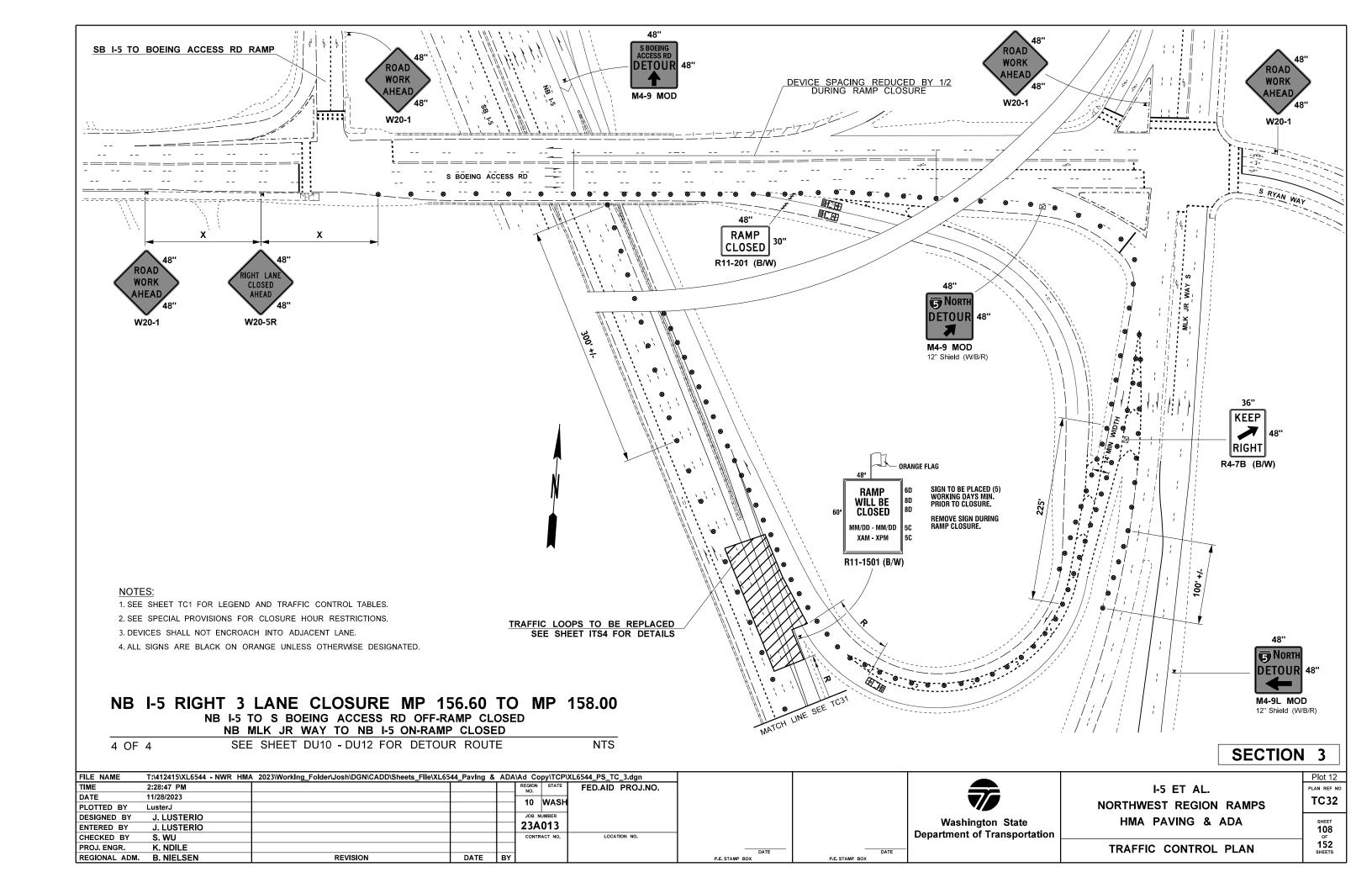


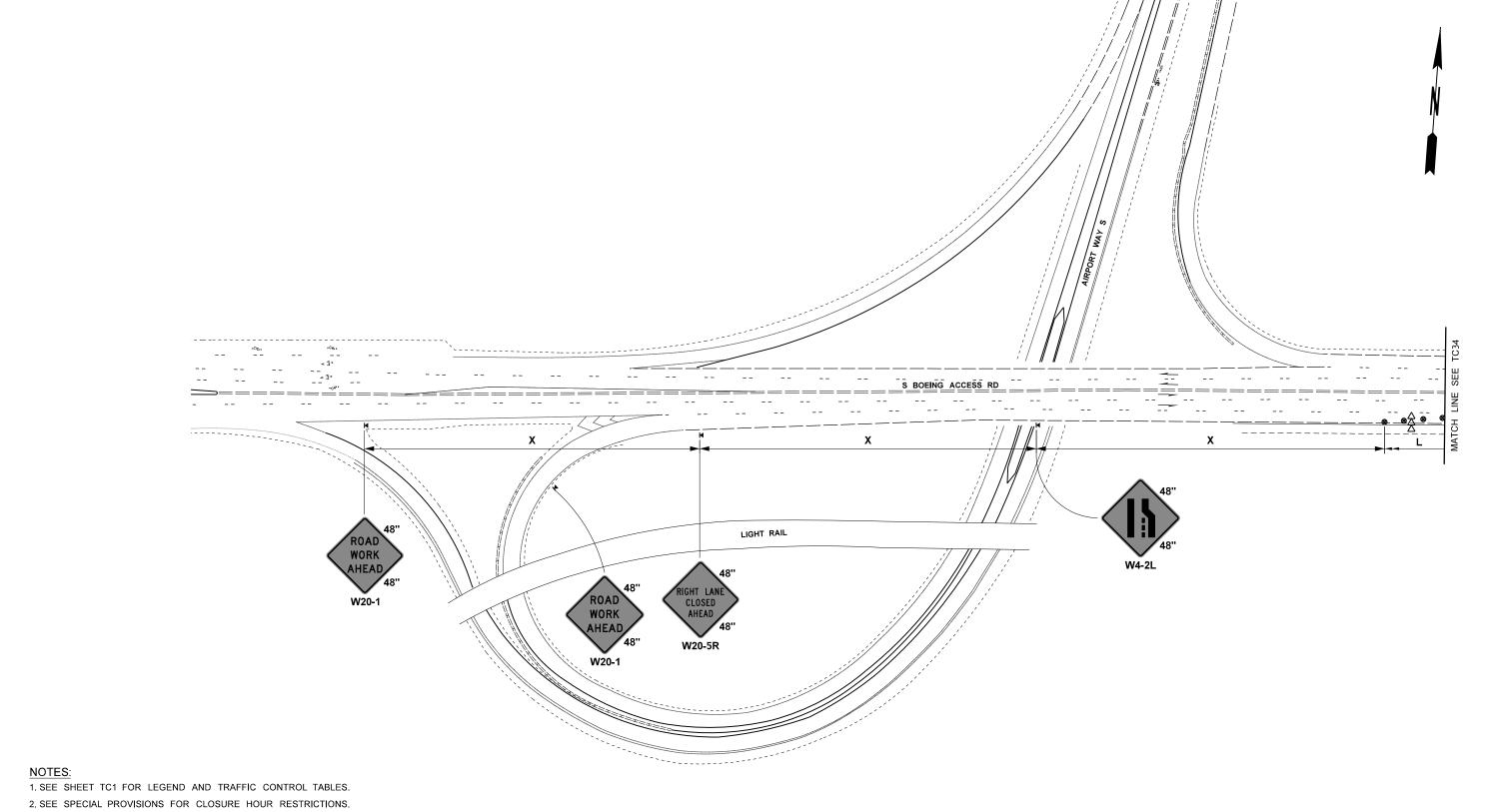


FILE NAME	T:\412415\XL6544 - NWR HM	A 2023\WorkIng_Folder\Josh\DGN\CADD\Sheets_Flle\XL65	544_Paving 8	& ADA	A\Ad Copy\TCF	VXL6544_PS_TC_3.dgn					Plot 9
TIME	2:28:30 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN RE
DATE	11/28/2023				10 WASI						TC2
PLOTTED BY	LusterJ				10 WASI					NORTHWEST REGION RAMPS	'02
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEE
ENTERED BY	J. LUSTERIO				23A013				3	TIMA TAVINO & ADA	10
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						——————————————————————————————————————	DATE	_	TRAFFIC CONTROL PLAN	15: SHEE
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			J SILL









- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

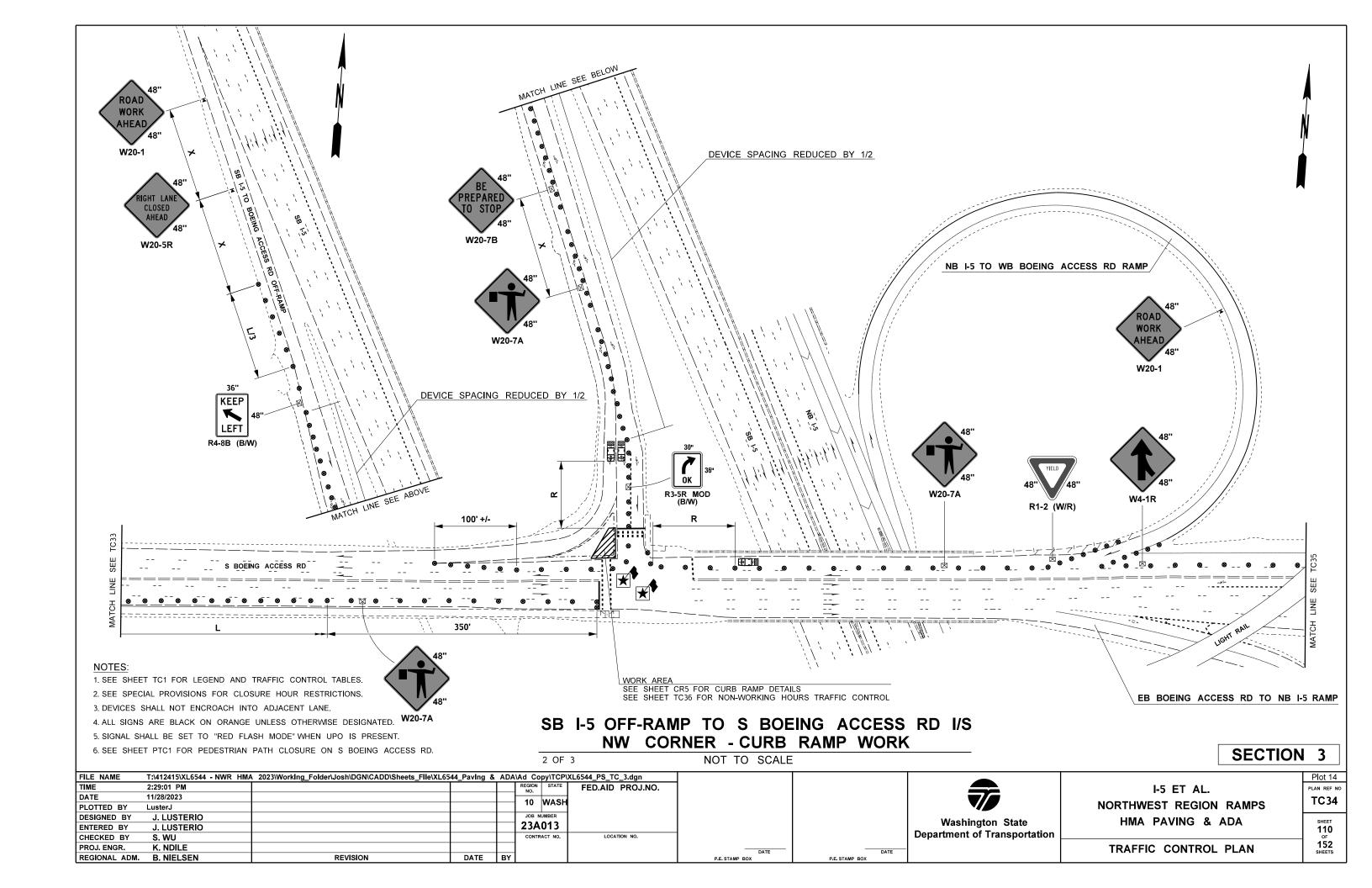
SB I-5 OFF-RAMP TO S BOEING ACCESS RD I/S NW CORNER - CURB RAMP WORK

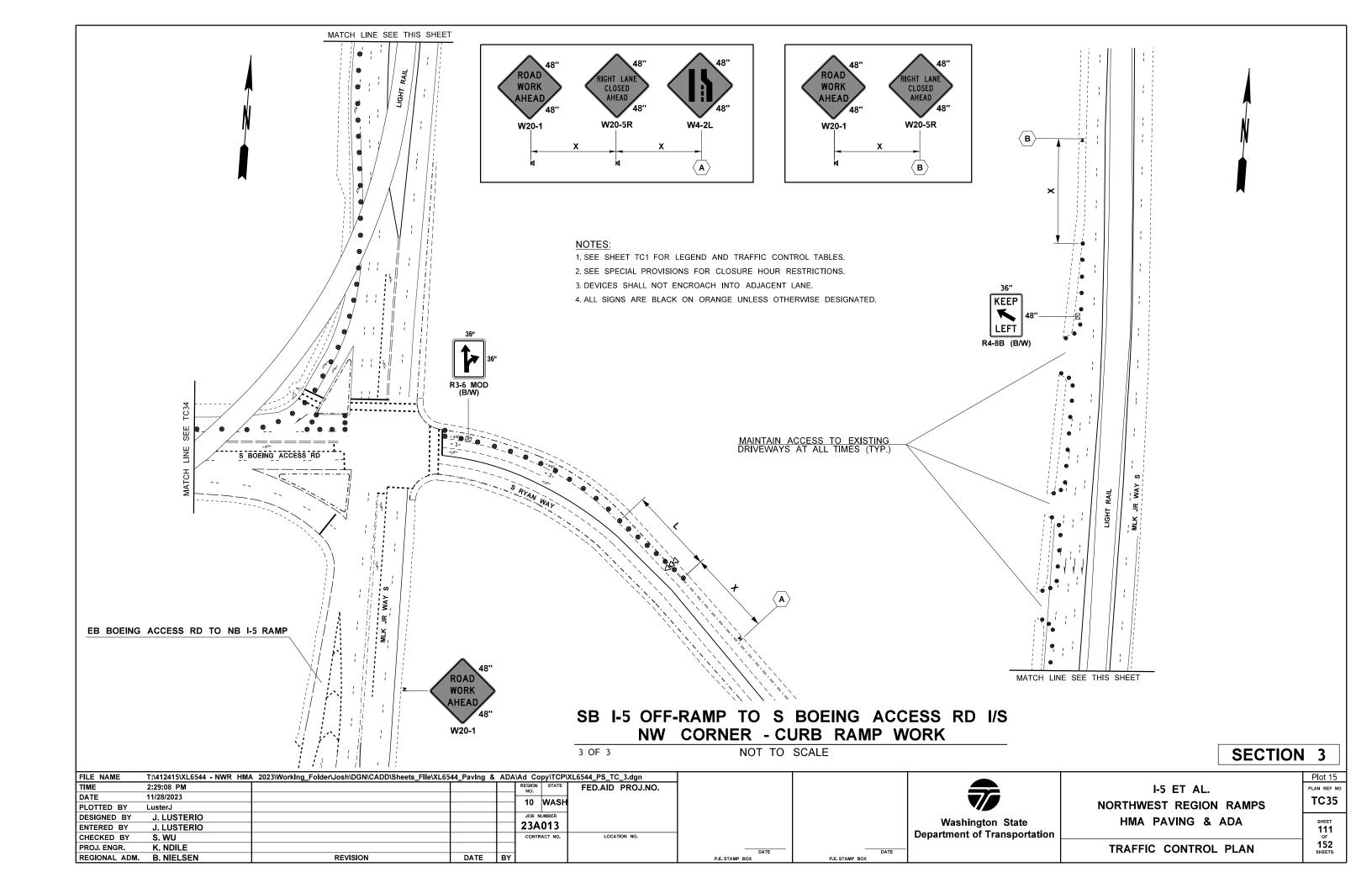
1 OF 3

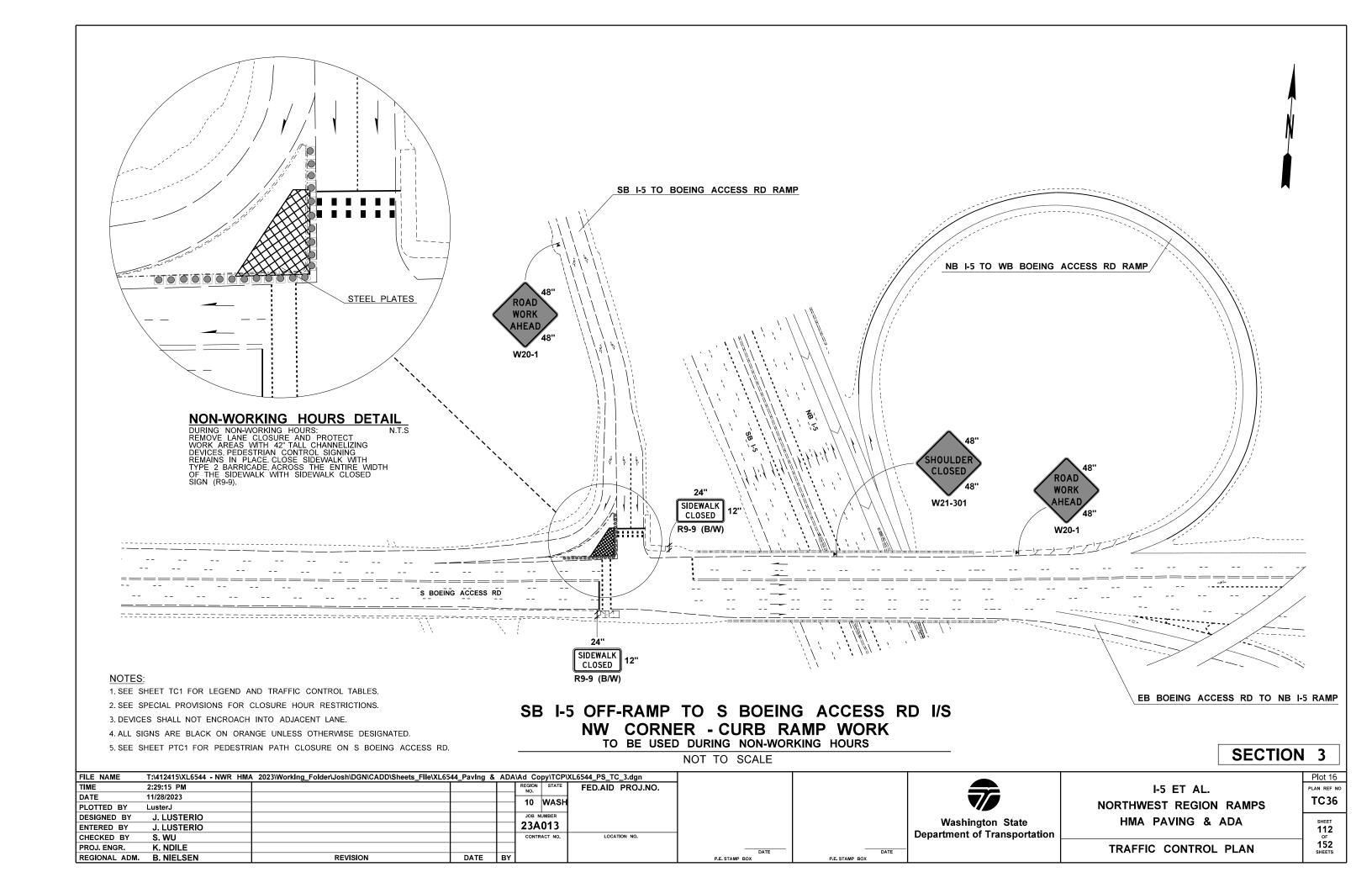
NOT TO SCALE

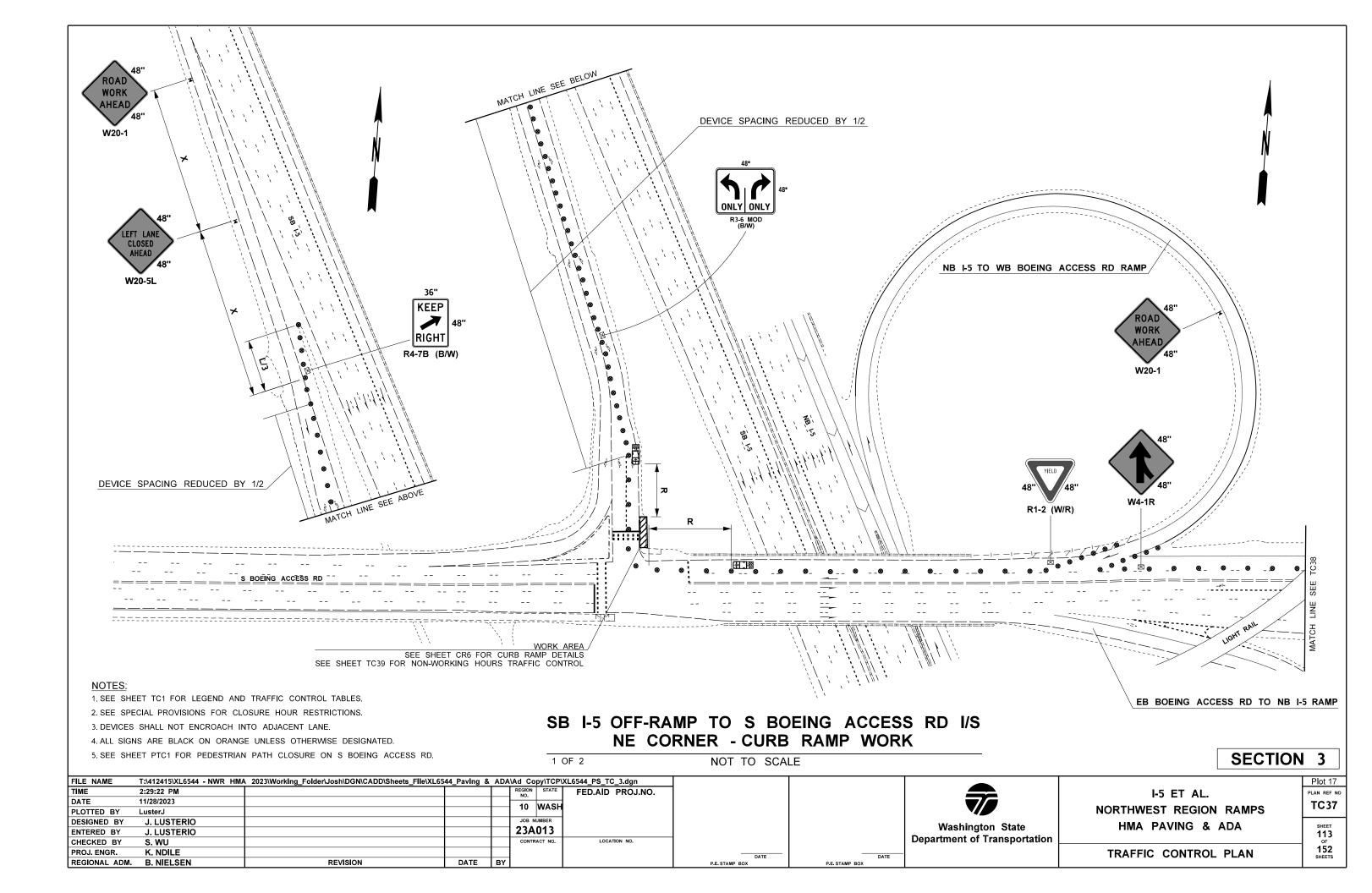
SECTION	3

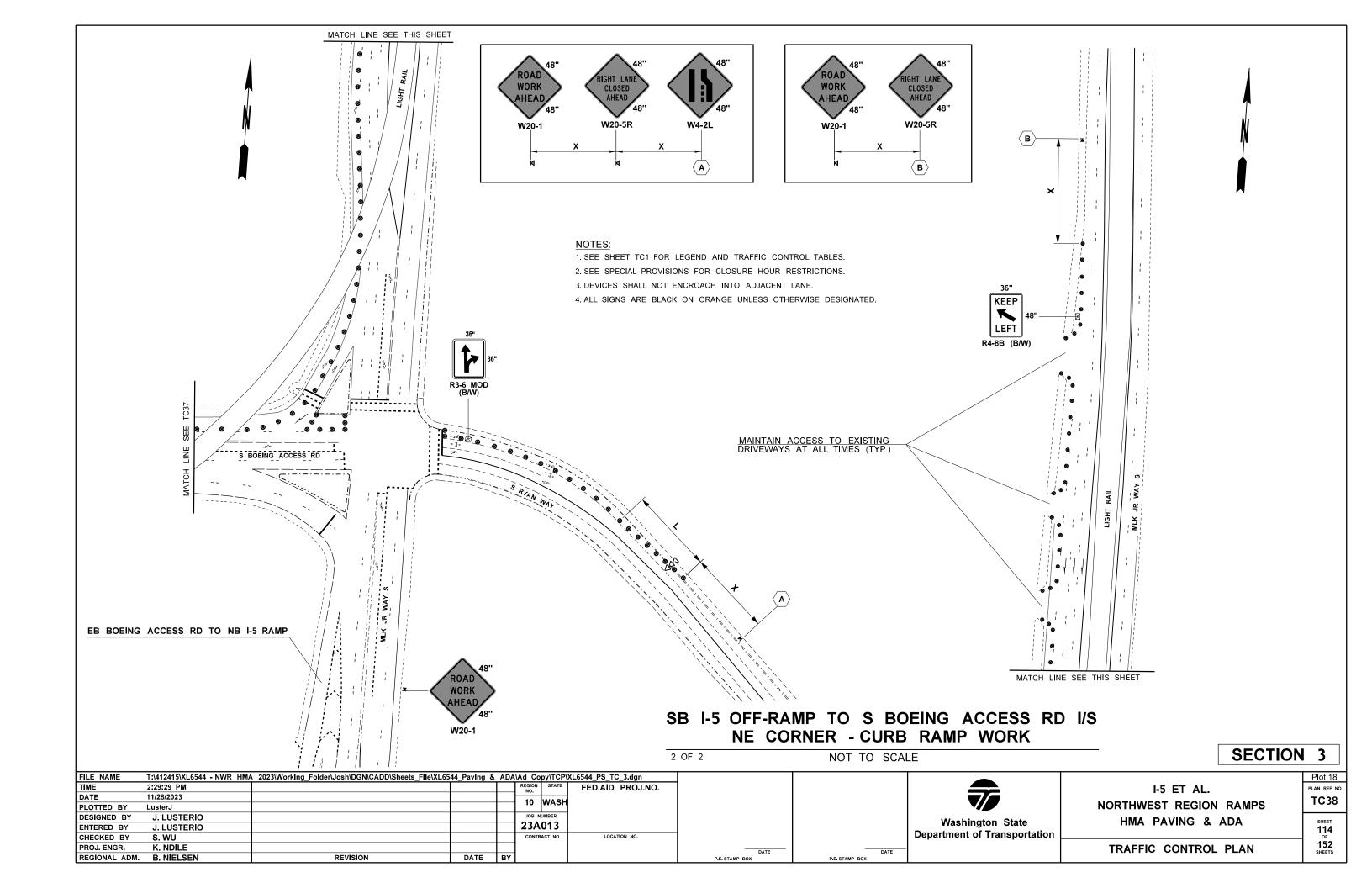
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TIME	2:28:54 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	11/28/2023				10 WASH						TC33
PLOTTED BY	LusterJ				IU WASH					NORTHWEST REGION RAMPS	1033
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013				9		109
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE		TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

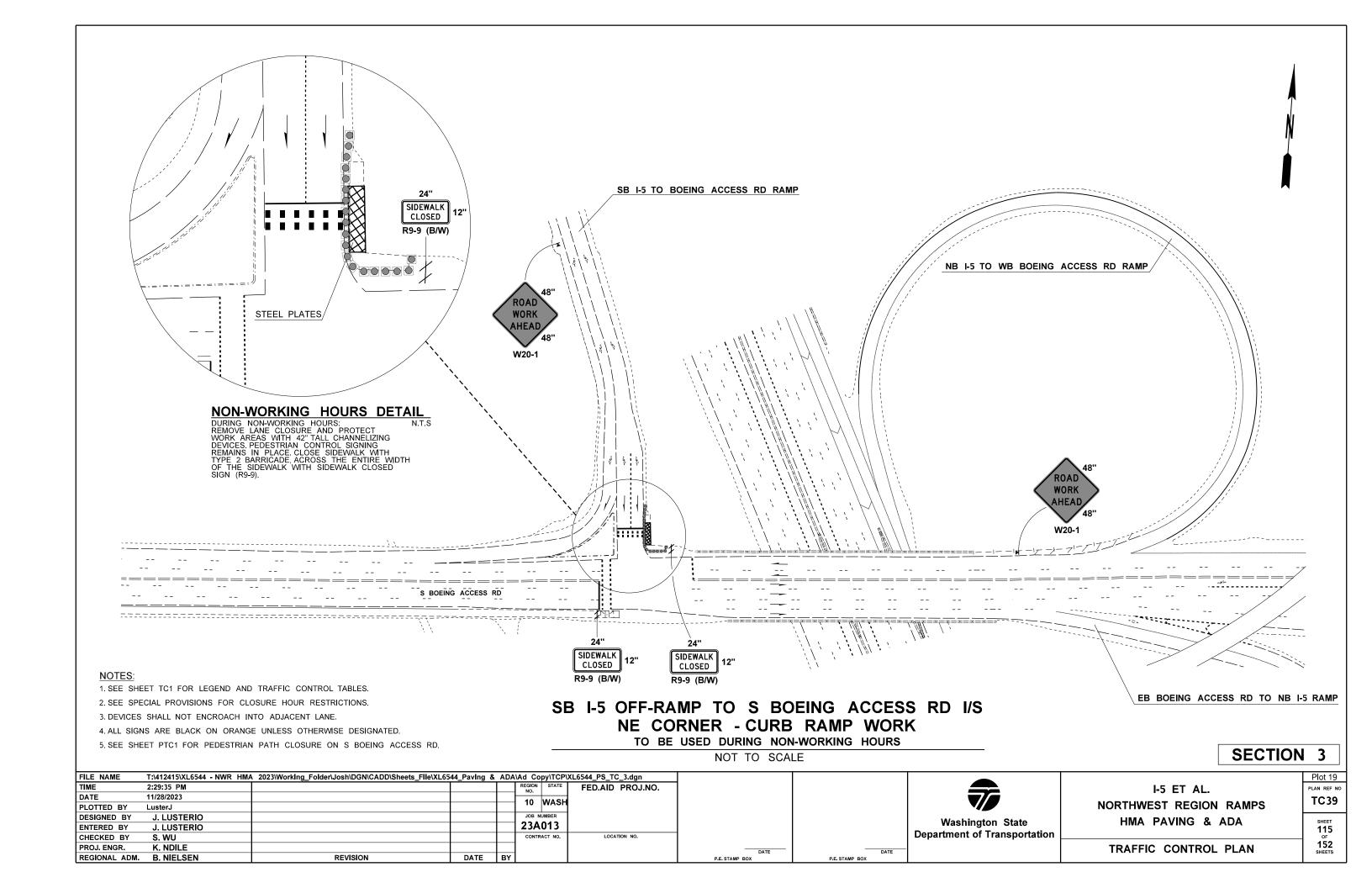


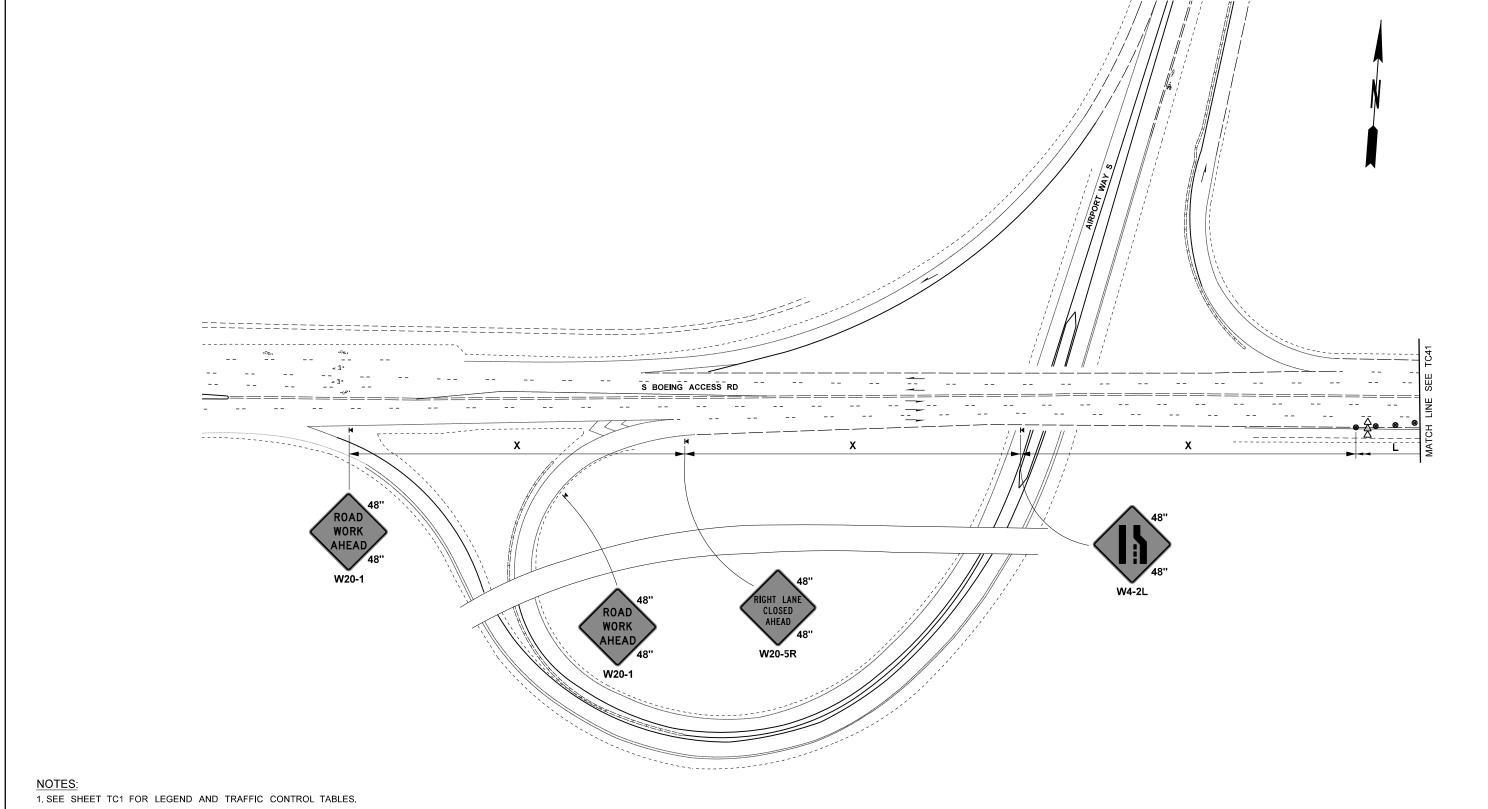












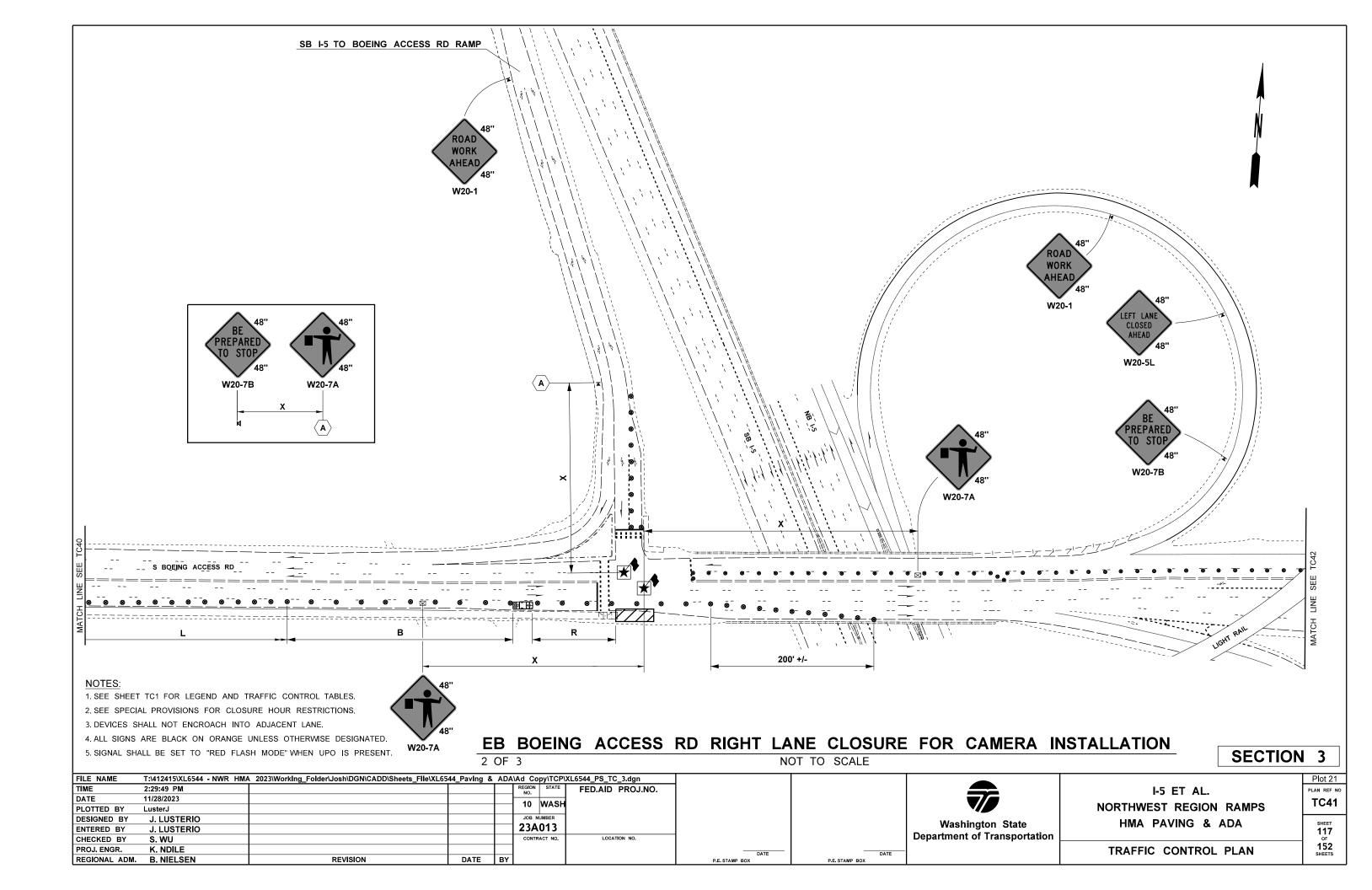
- 2. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

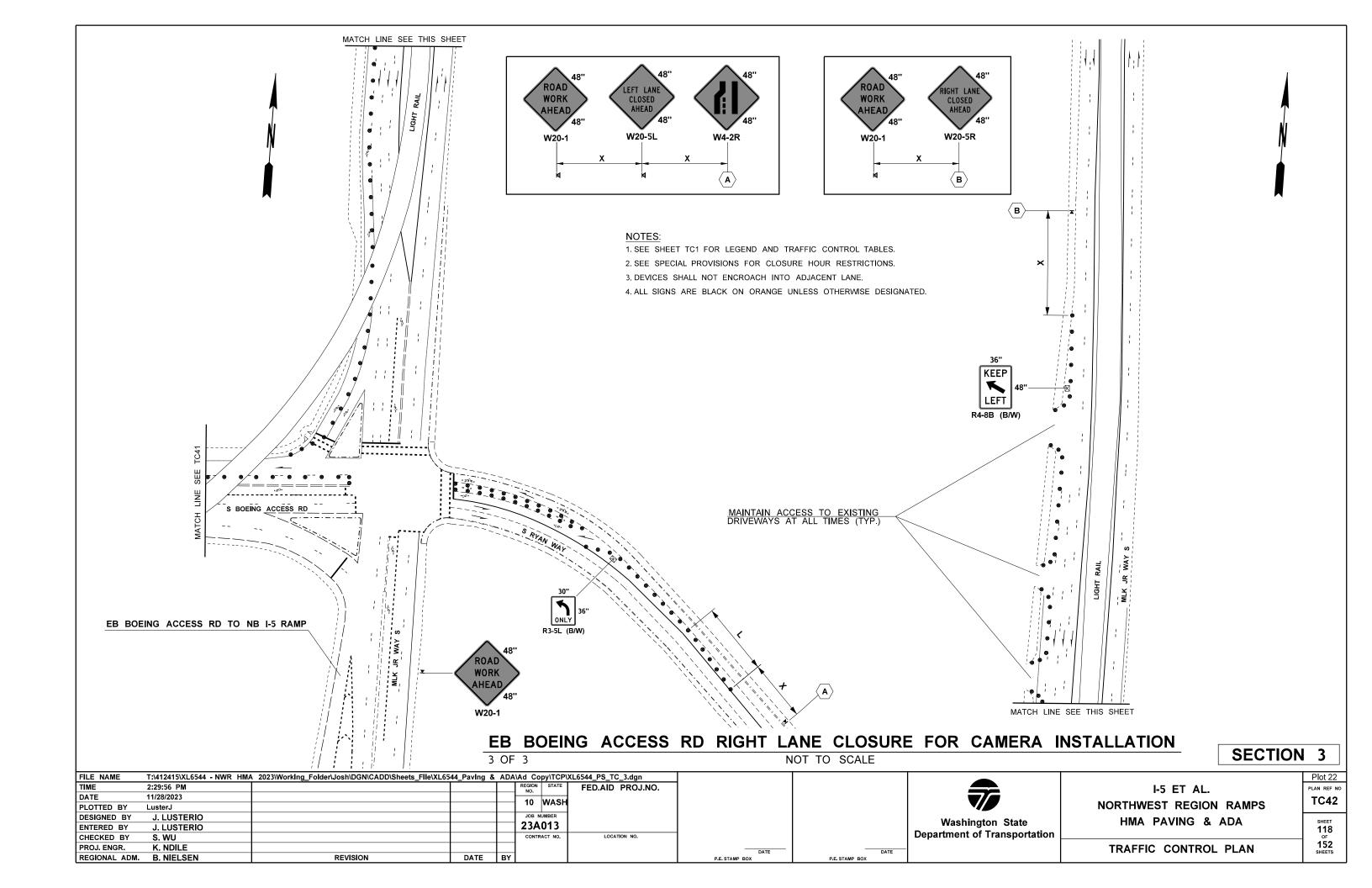
EB BOEING ACCESS RD RIGHT LANE CLOSURE FOR CAMERA INSTALLATION

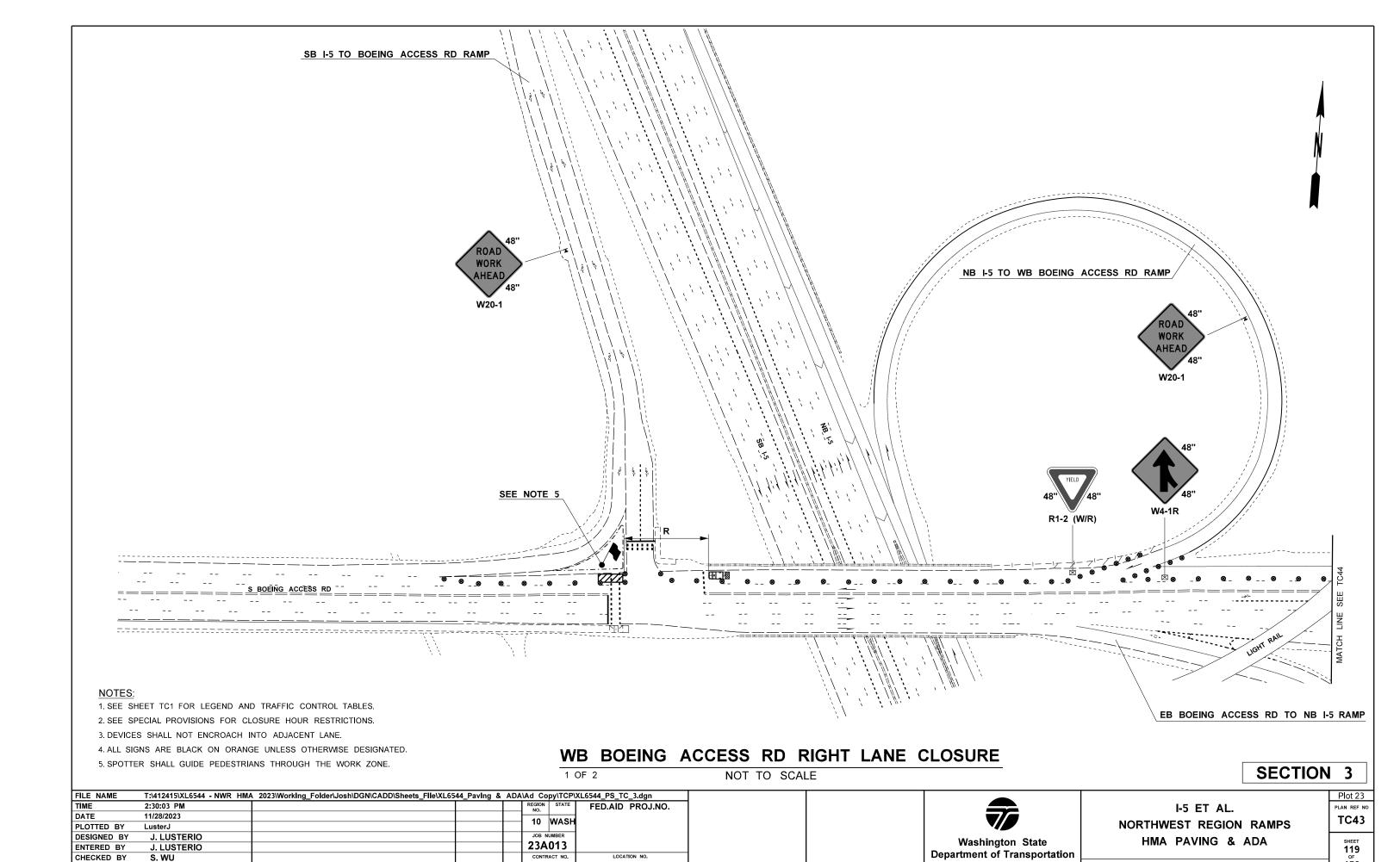
SECTION 3

1 OF 3 NOT TO SCALE

FILE NAME	T:\412415\XL6544 - NWR HI	MA 2023\WorkIng_Folder\Josh\DGN\CADD\Sheets_FIIe\XL	_6544_Paving &	& ADA	A\Ad Copy\TCP	\XL6544_PS_TC_3.dgn					
TIME	2:29:42 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	ſ
DATE	11/28/2023				10 WASH	1				· · · - ·	
PLOTTED BY	LusterJ				IU WASI]				NORTHWEST REGION RAMPS	
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	Γ
ENTERED BY	J. LUSTERIO				23A013				J		
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		\dashv
PROJ. ENGR.	K. NDILE						DATE	DATE	-	TRAFFIC CONTROL PLAN	
DECIONAL ADM	B NIELSEN	DEVISION	DATE	BV		1	DAIL	DAIL			







PROJ. ENGR.

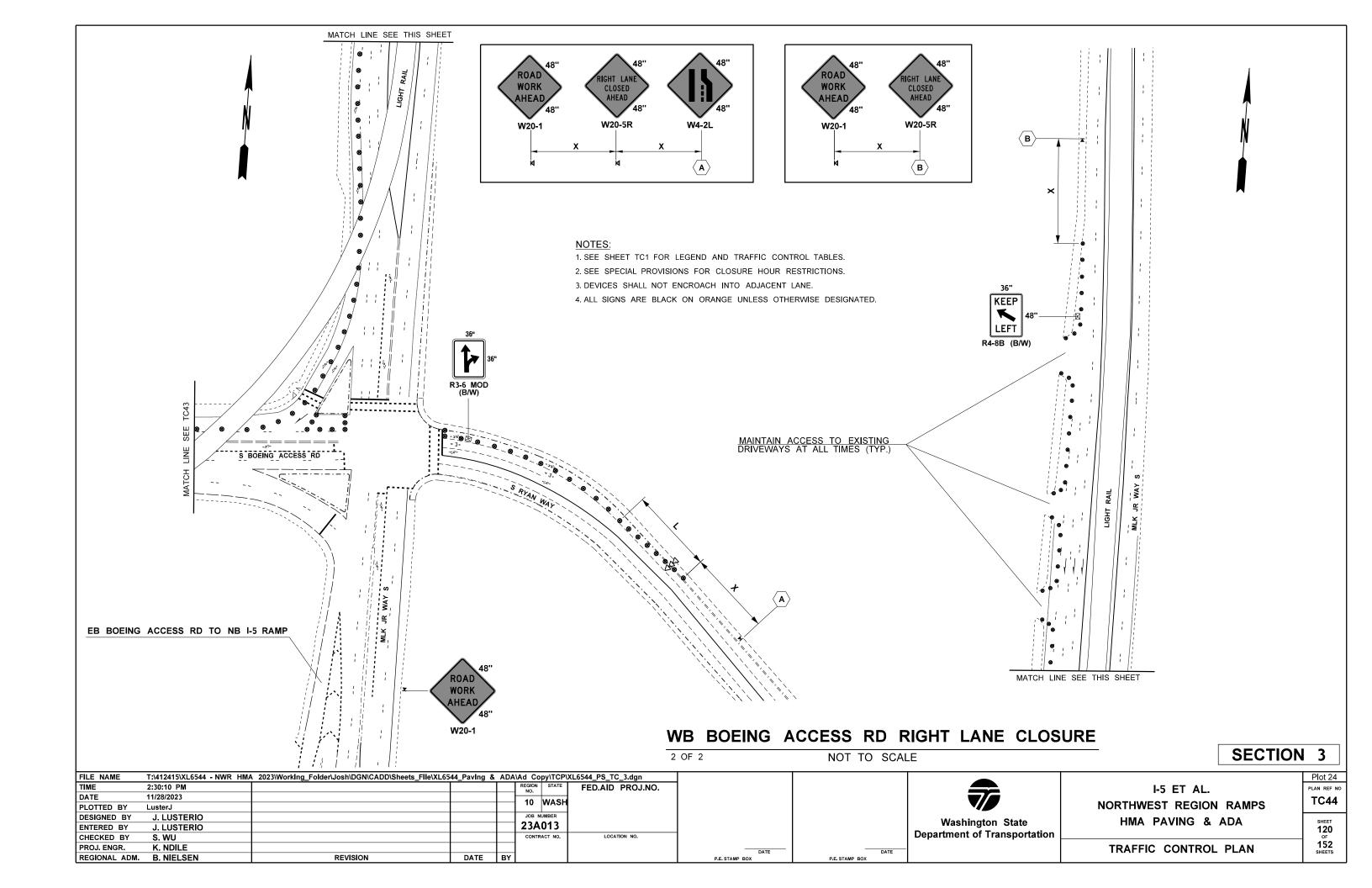
K. NDILE

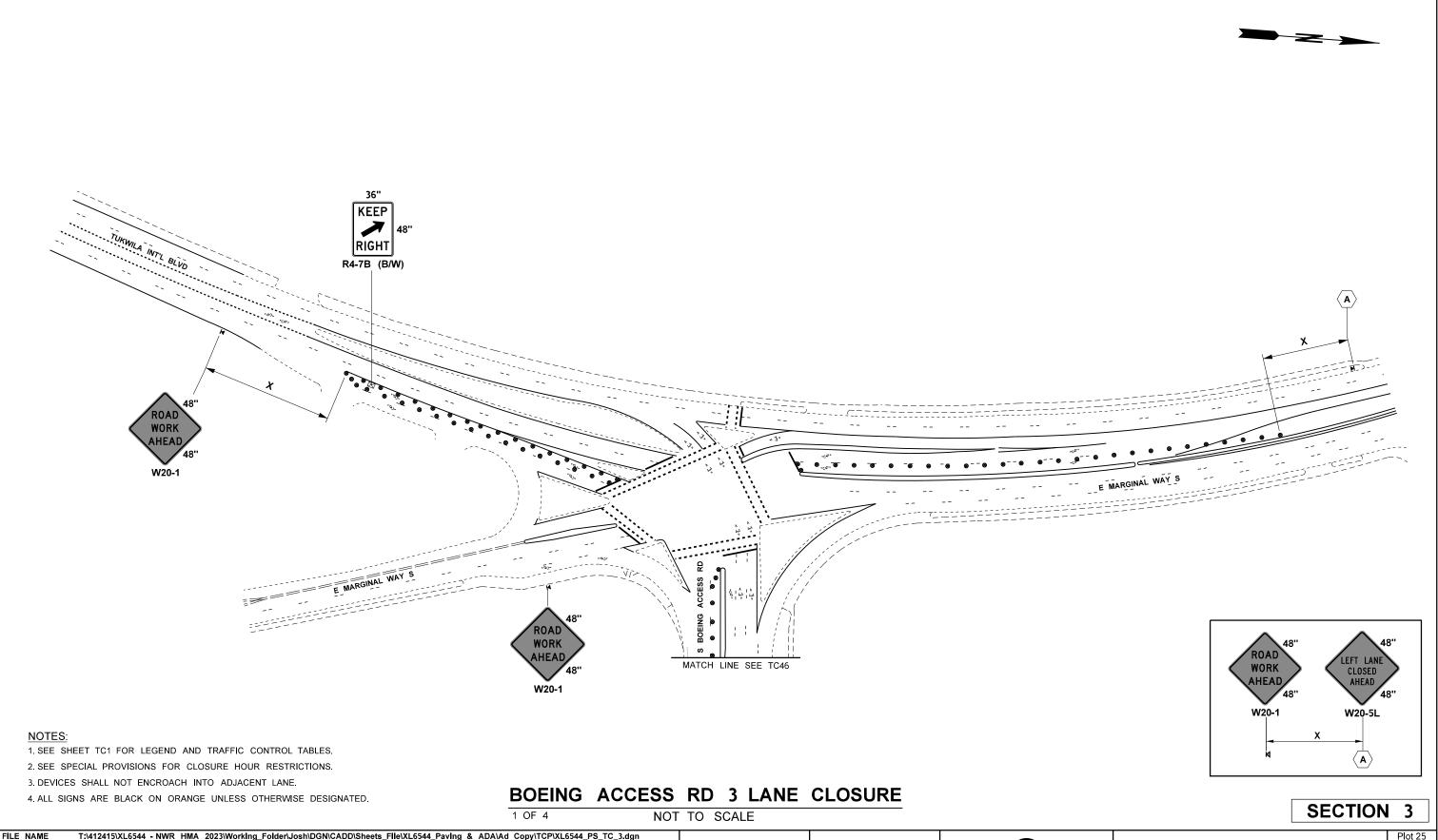
REVISION

REGIONAL ADM. B. NIELSEN

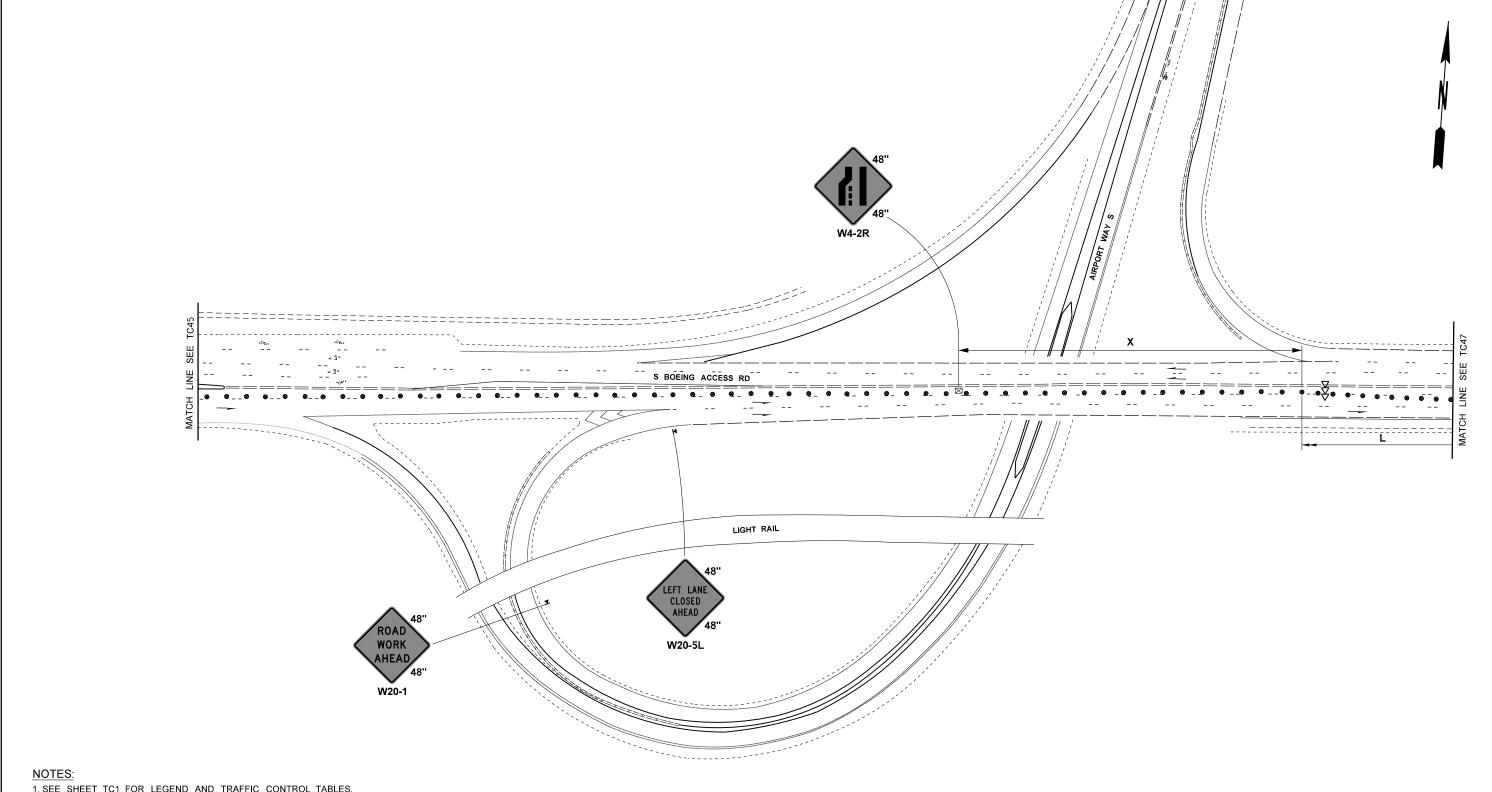
152 SHEETS

TRAFFIC CONTROL PLAN





FILE NAME	T:\412415\XL6544 - NWR HM	A 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL	.6544_Paving 8	& ADA\	Ad Copy\TCP	\XL6544_PS_TC_3.dgn					Plot 25
TIME	2:30:17 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	11/28/2023				10 WASH	1					TC45
PLOTTED BY	LusterJ				IU WASI]				NORTHWEST REGION RAMPS	1045
DESIGNED BY	J. LUSTERIO				JOB NUMBER	1			Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013				3		121
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE		TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM	I R NIFLSEN	REVISION	DATE	RY			DE STAMP POY	DE STAMP DOY			SHEETS

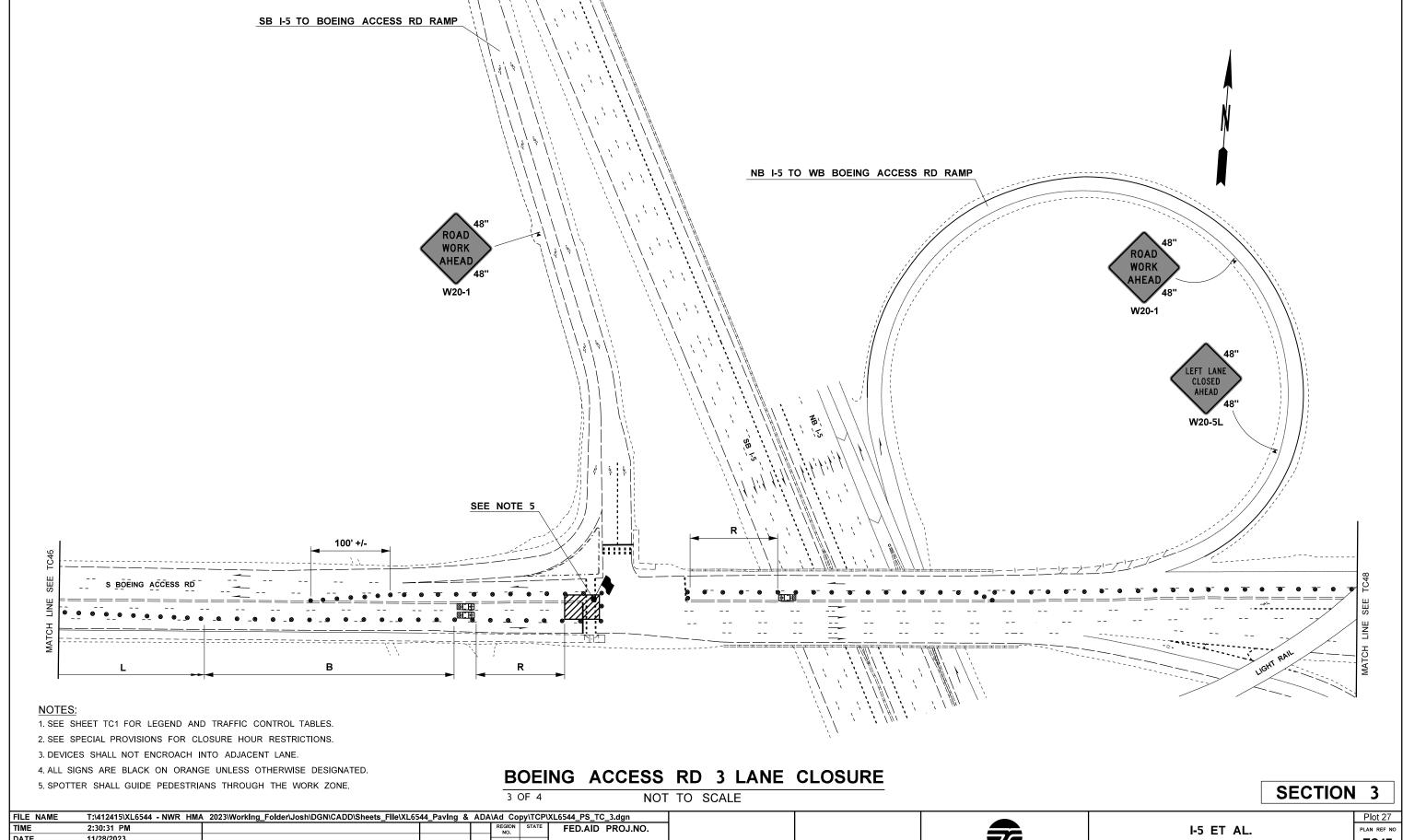


- 1. SEE SHEET TC1 FOR LEGEND AND TRAFFIC CONTROL TABLES.
- 2. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
- 4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

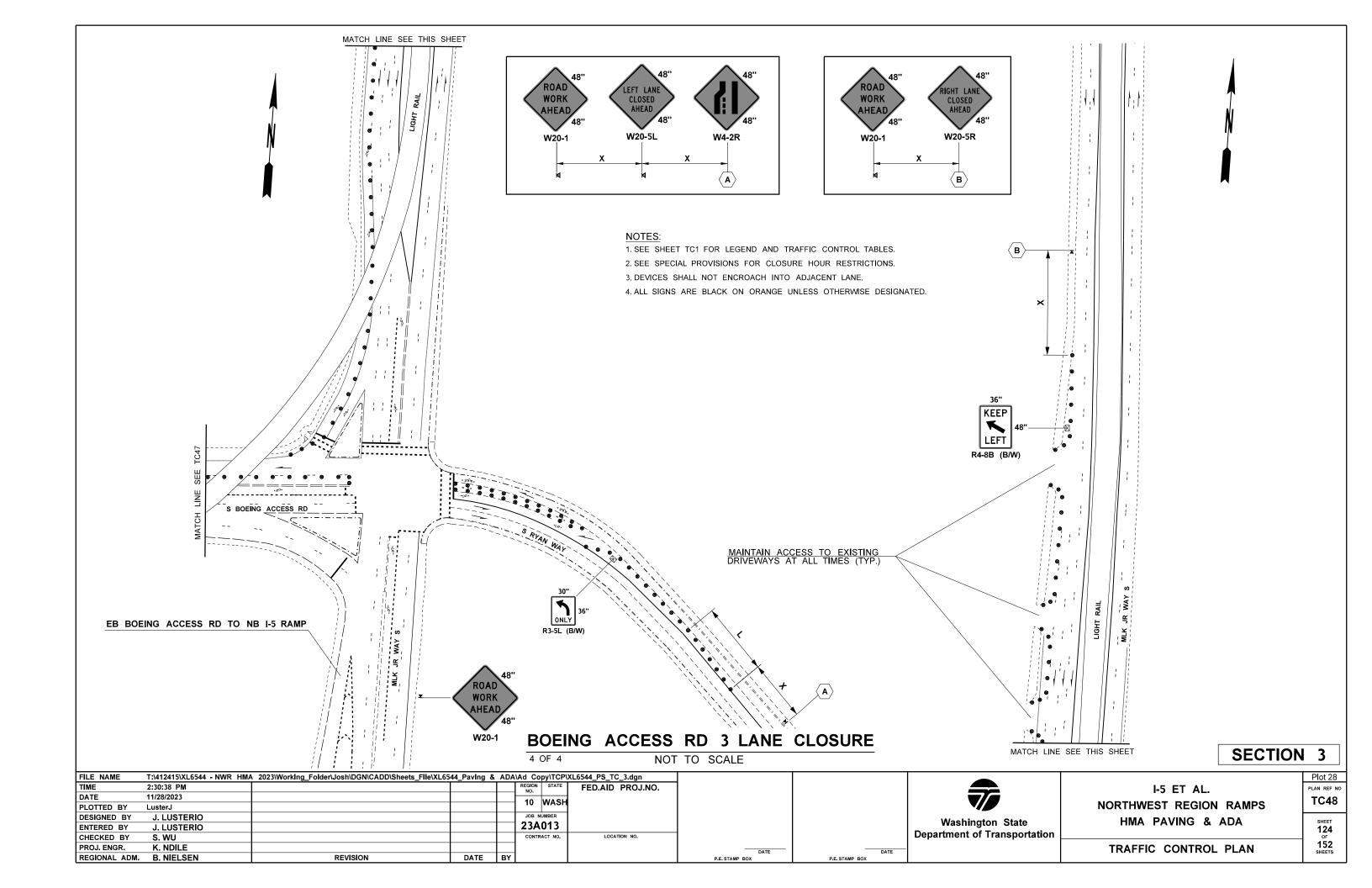
BOEING ACCESS RD 3 LANE CLOSURE

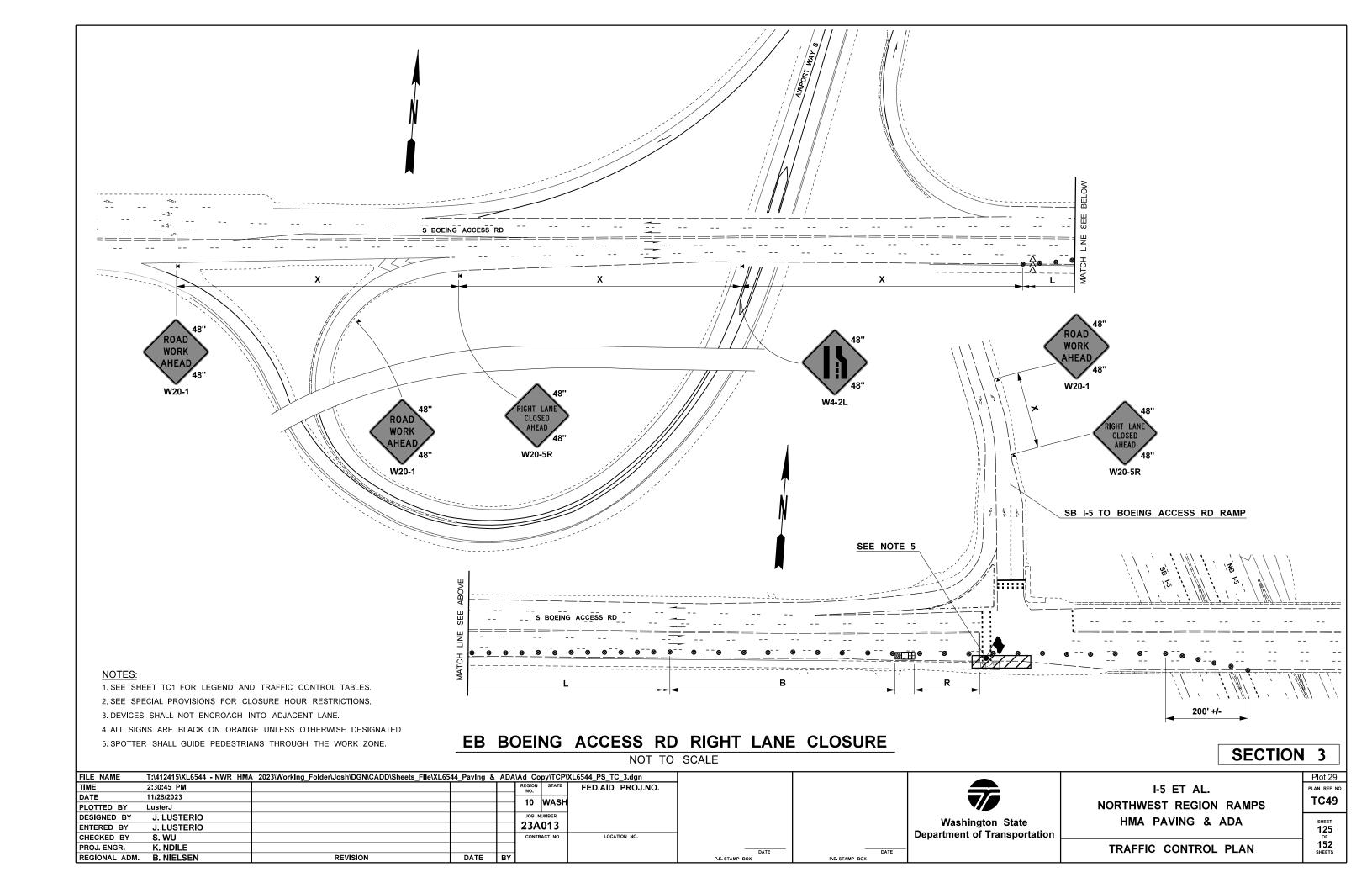
2 OF 4 NOT TO SCALE SECTION 3

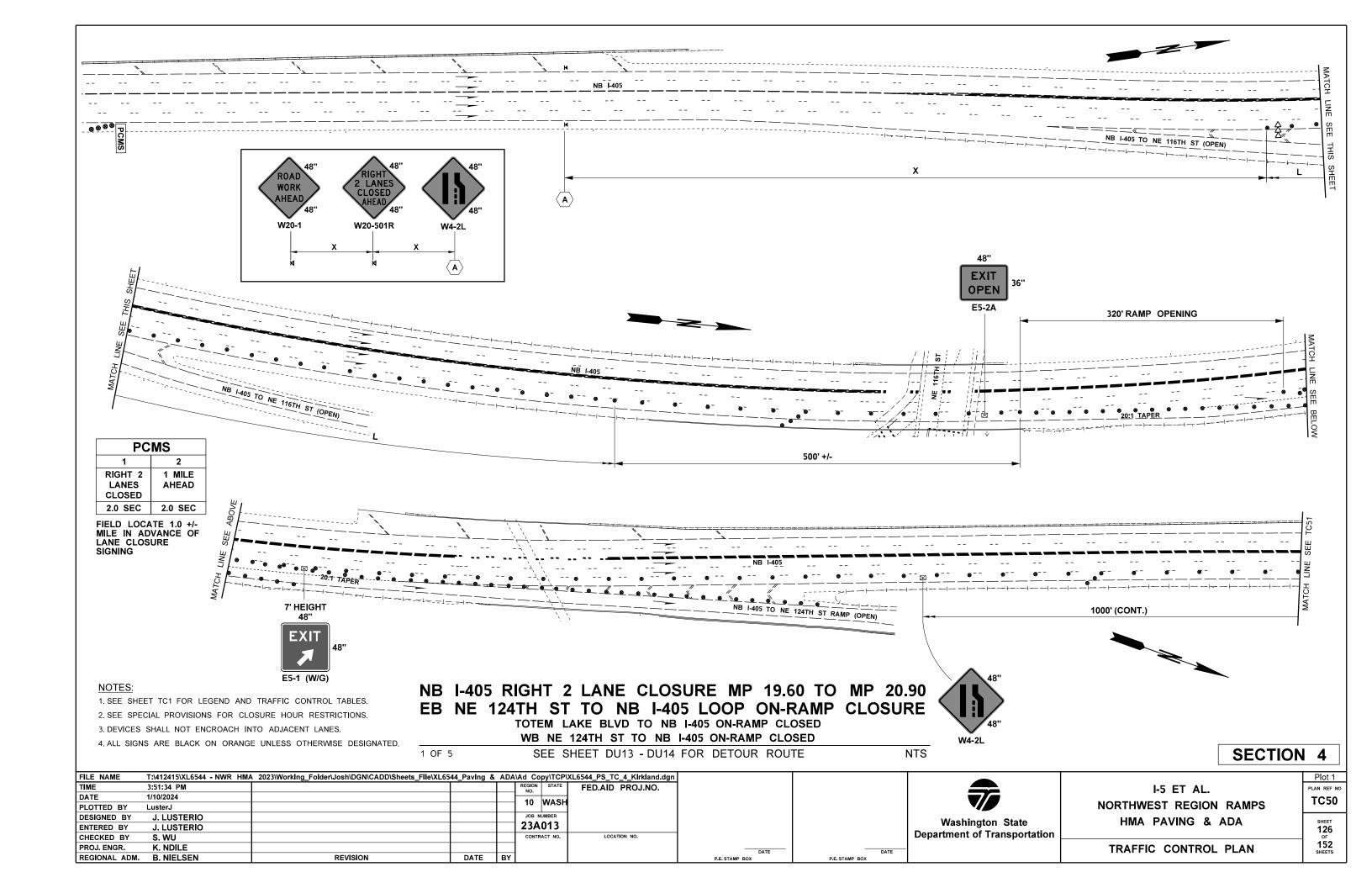
FILE NAME	T:\412415\XL6544 - NWR HM	IA 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL6	5544_Paving 8	& ADA	\Ad Copy\TC	P\XL6544_PS_TC_3.dgn					Plot 26
TIME	2:30:24 PM				REGION STATI	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF
DATE	11/28/2023				10 WAS	<u> </u>					TC4
PLOTTED BY	LusterJ				10 WAS	<u>''</u>				NORTHWEST REGION RAMPS	
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013				J		122
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE	-	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	Tev	1		DE STAND BOY	DE STAMP BOY			J SHEETS

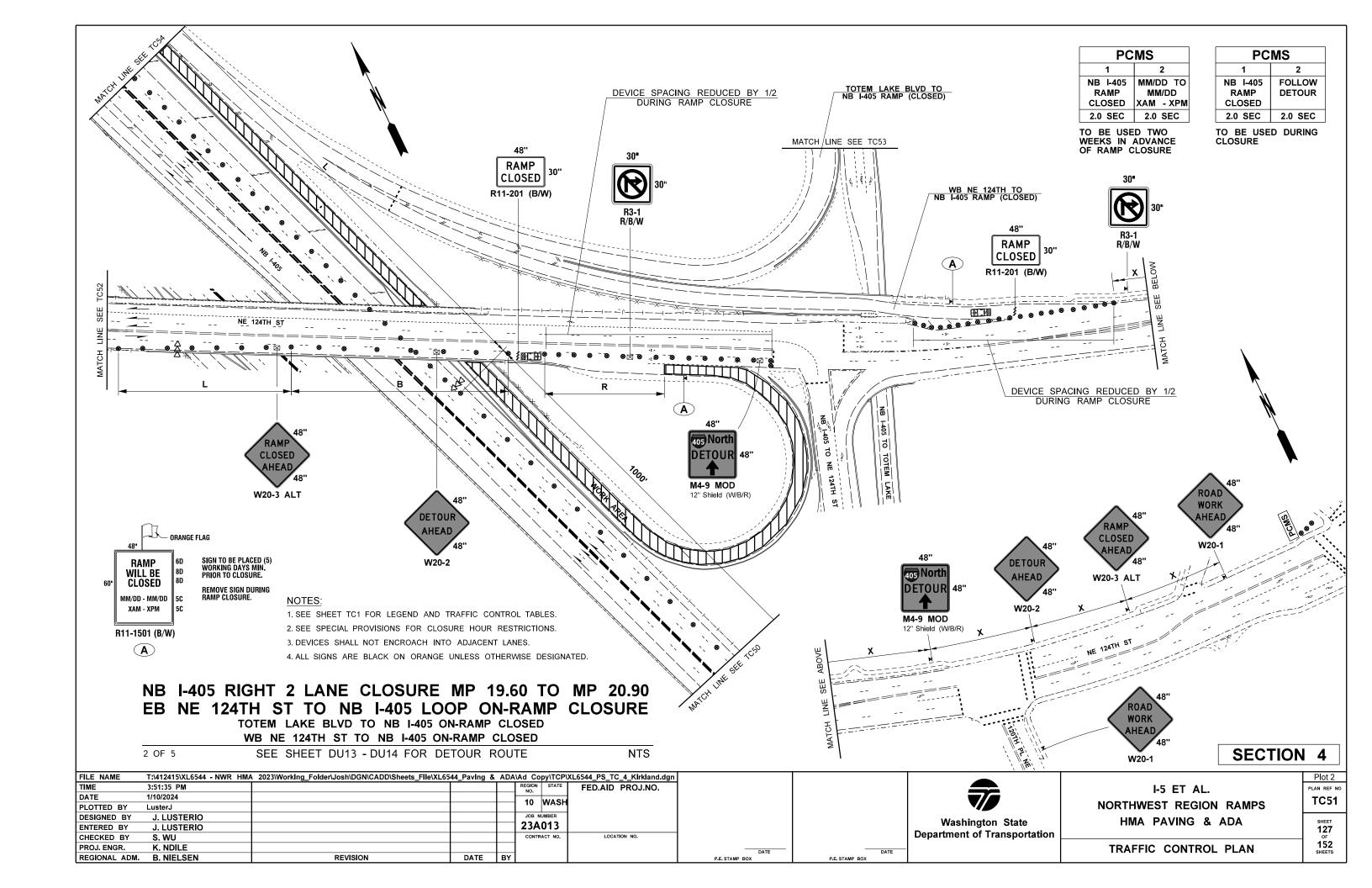


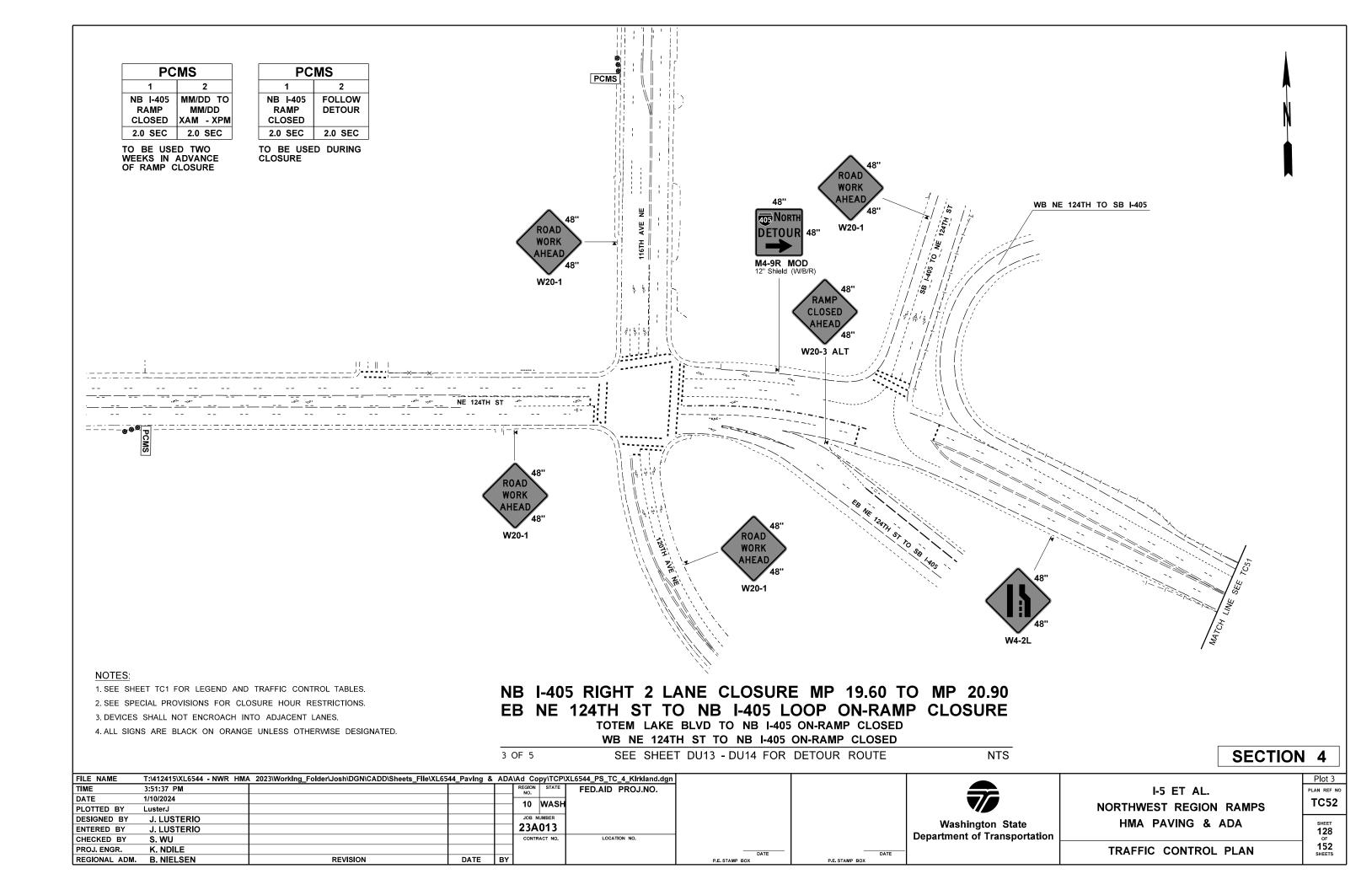
FILE NAME	T:\412415\XL6544 - NWR H	/IA 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL65	44_Paving 8	& ADA	A\Ad Copy\TCF	\XL6544_PS_TC_3.dgn					Plot 27
TIME	2:30:31 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF
DATE	11/28/2023				10 WASI	<u> </u>					TC47
PLOTTED BY	LusterJ				10 WASI					NORTHWEST REGION RAMPS	104
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013						123
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	K. NDILE						DATE	DATE	-	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

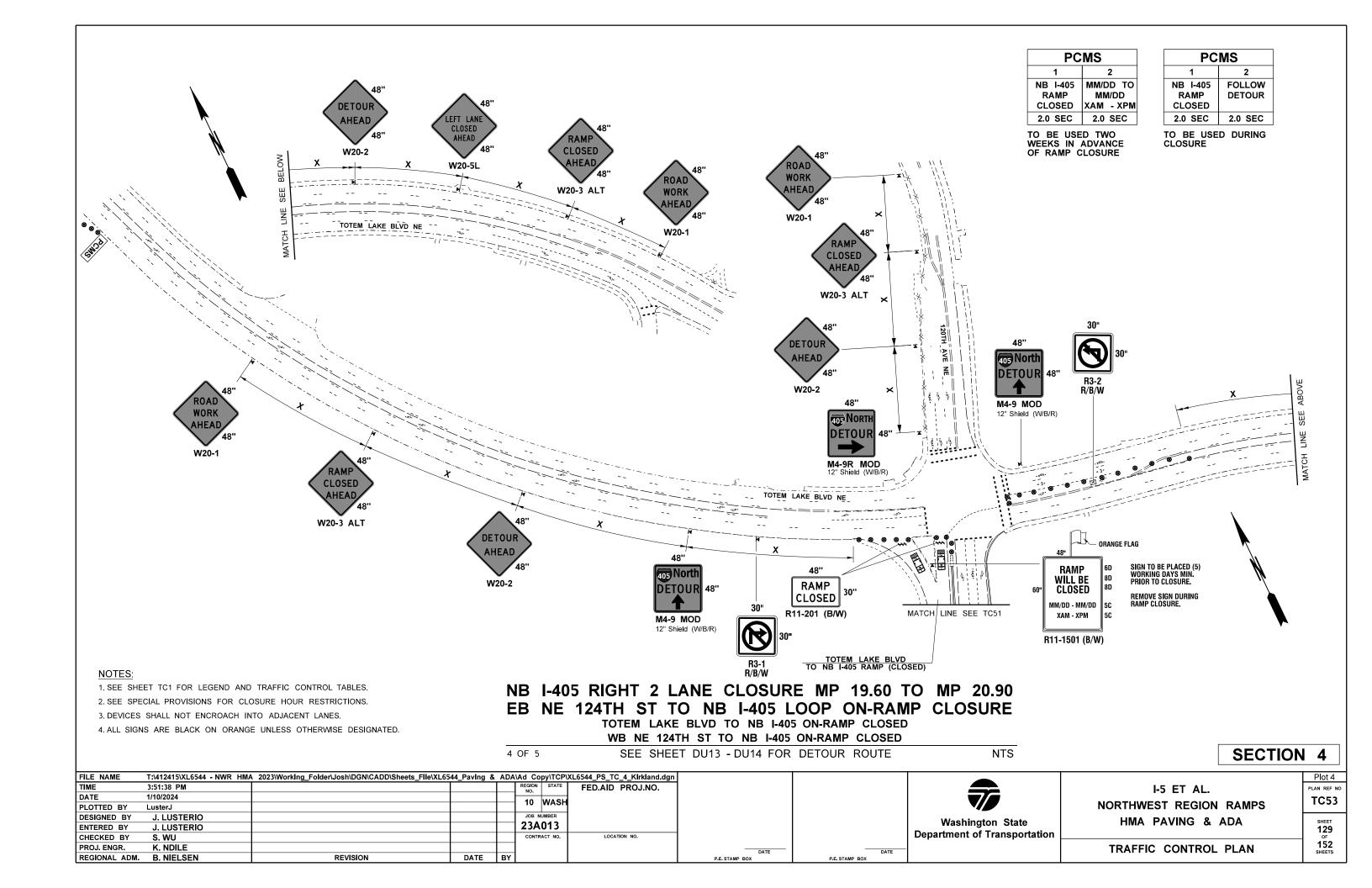


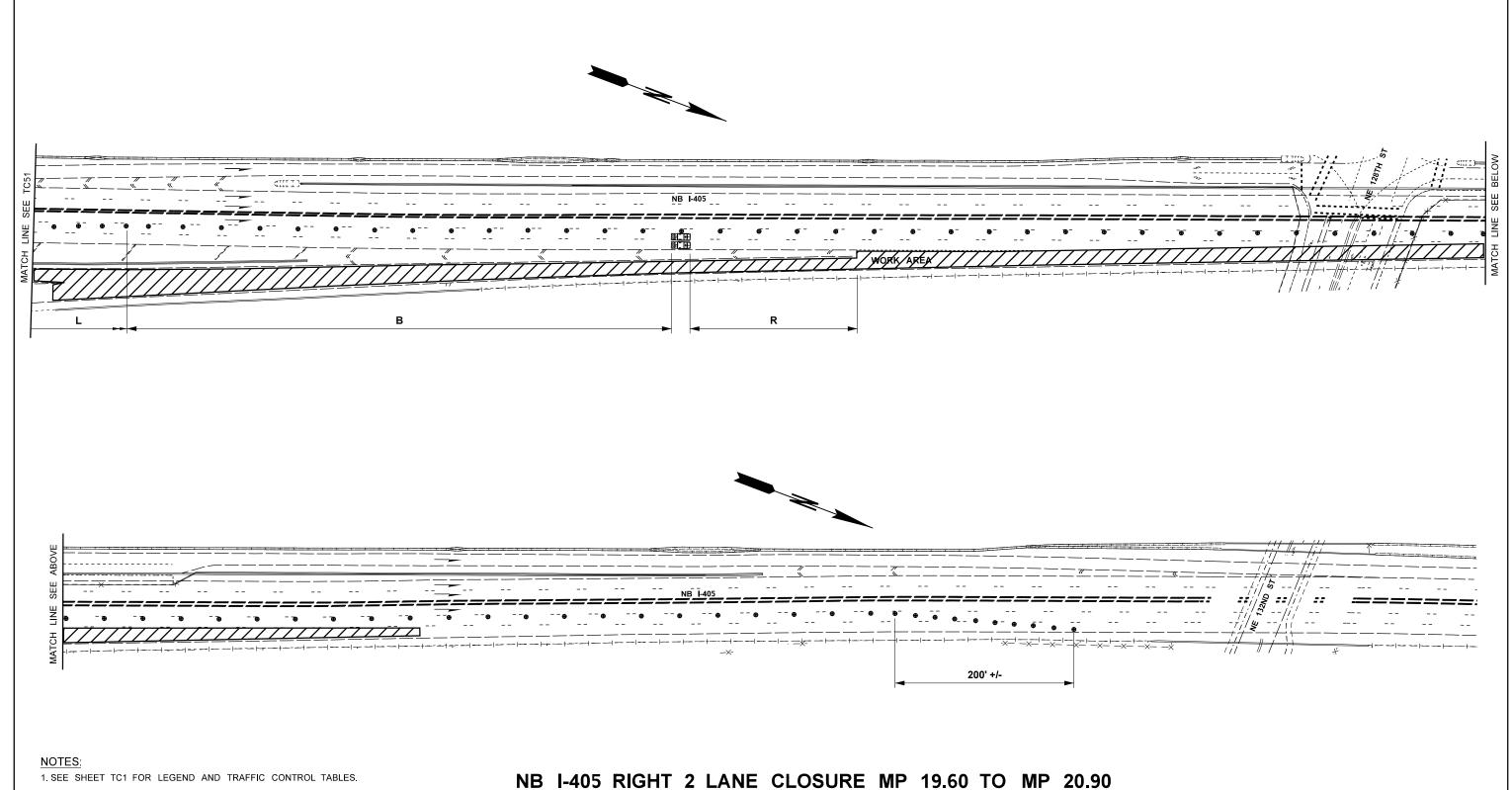












- 2. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
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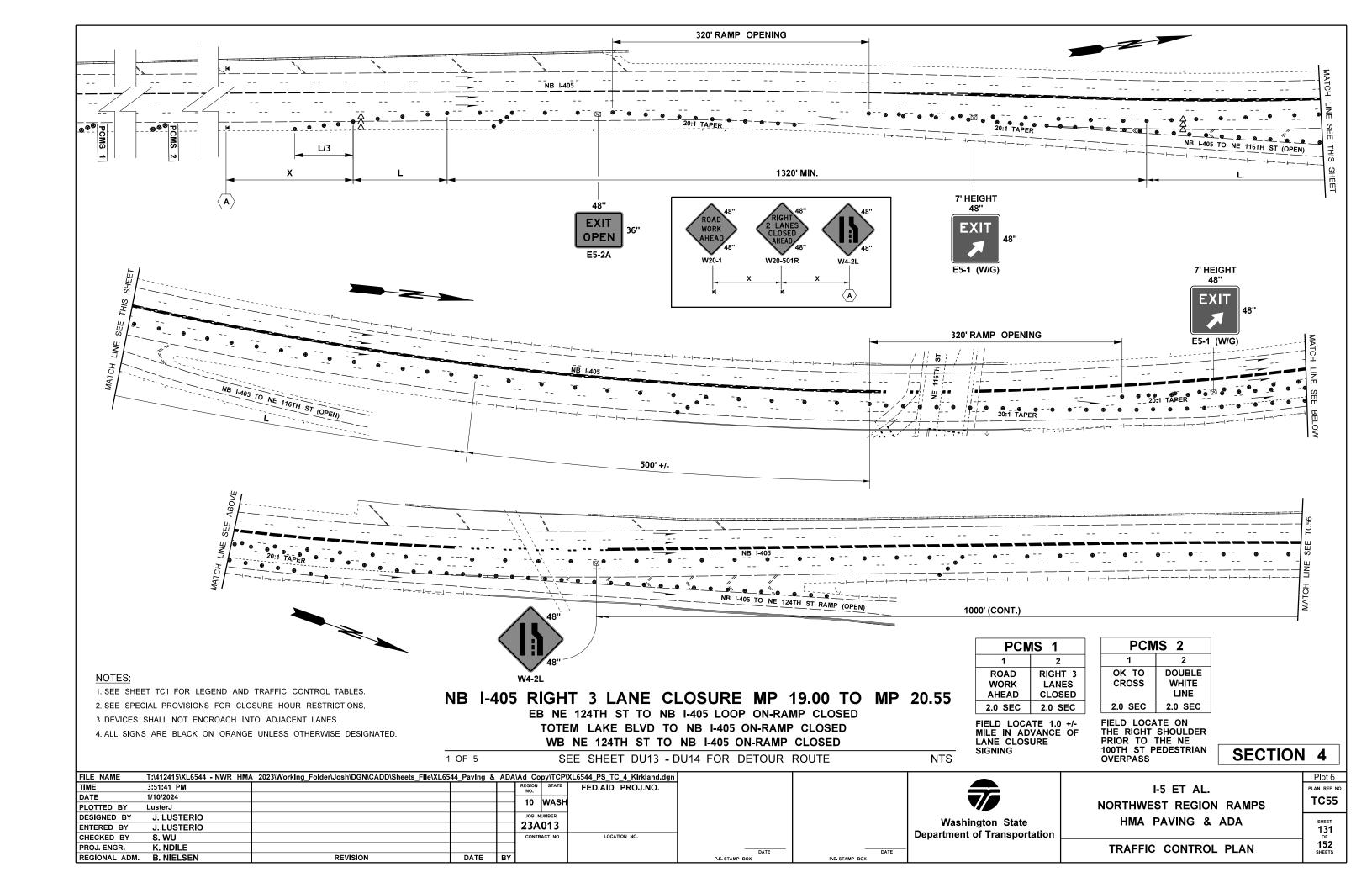
NB I-405 RIGHT 2 LANE CLOSURE MP 19.60 TO MP 20.90 EB NE 124TH ST TO NB I-405 LOOP ON-RAMP CLOSURE

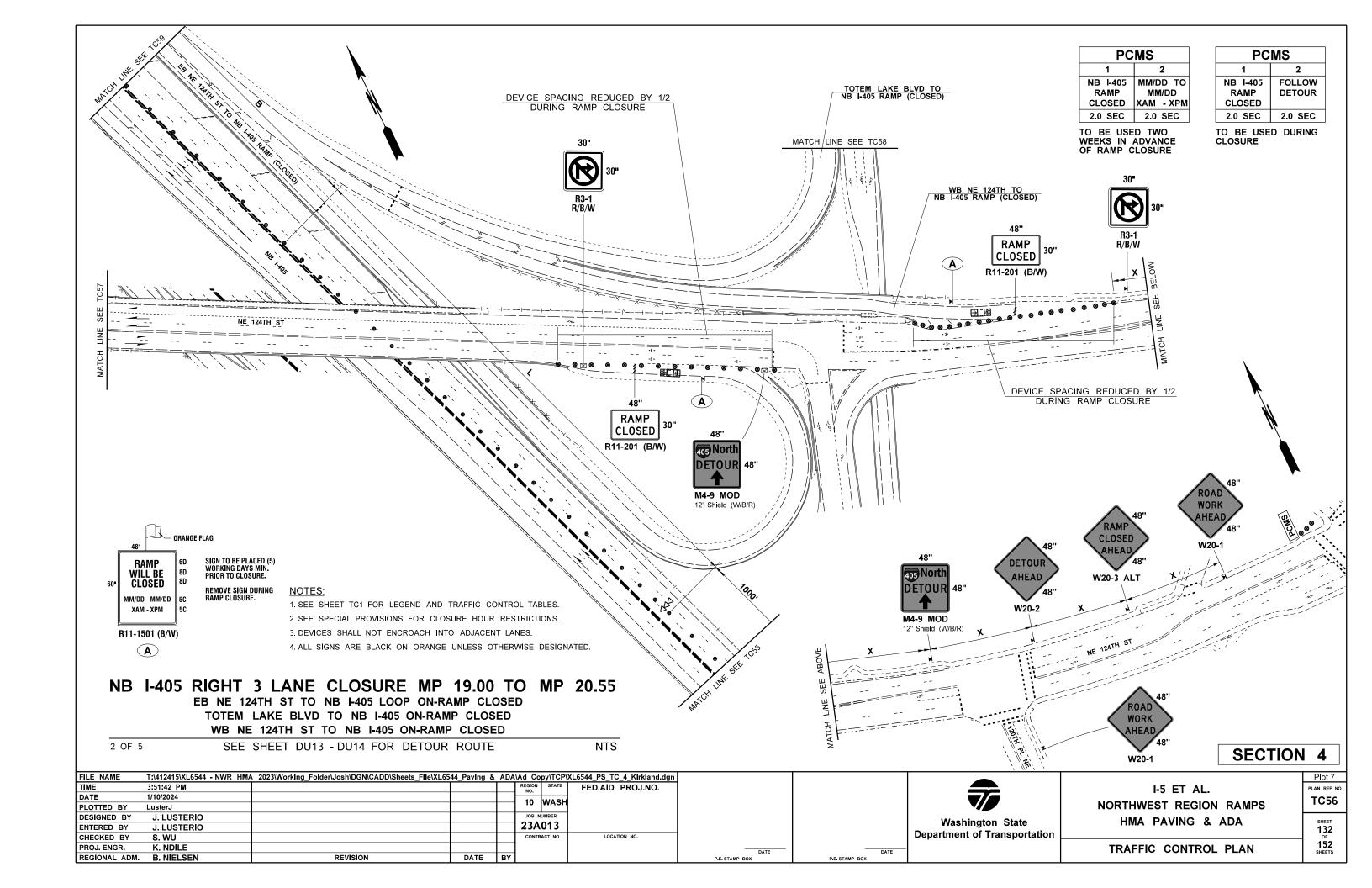
TOTEM LAKE BLVD TO NB I-405 ON-RAMP CLOSED WB NE 124TH ST TO NB I-405 ON-RAMP CLOSED

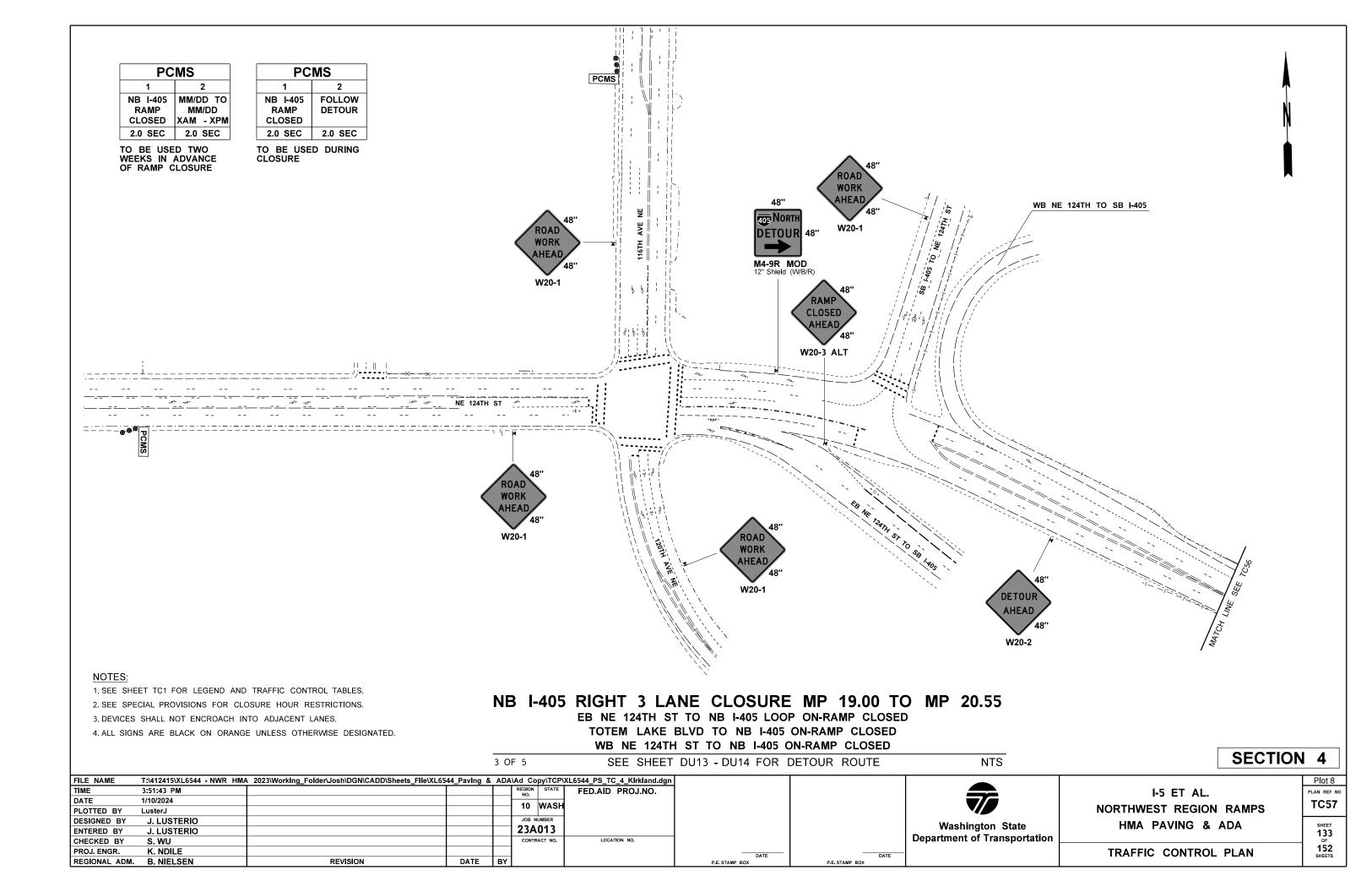
5 OF 5 SEE SHEET DU13 - DU14 FOR DETOUR ROUTE NTS

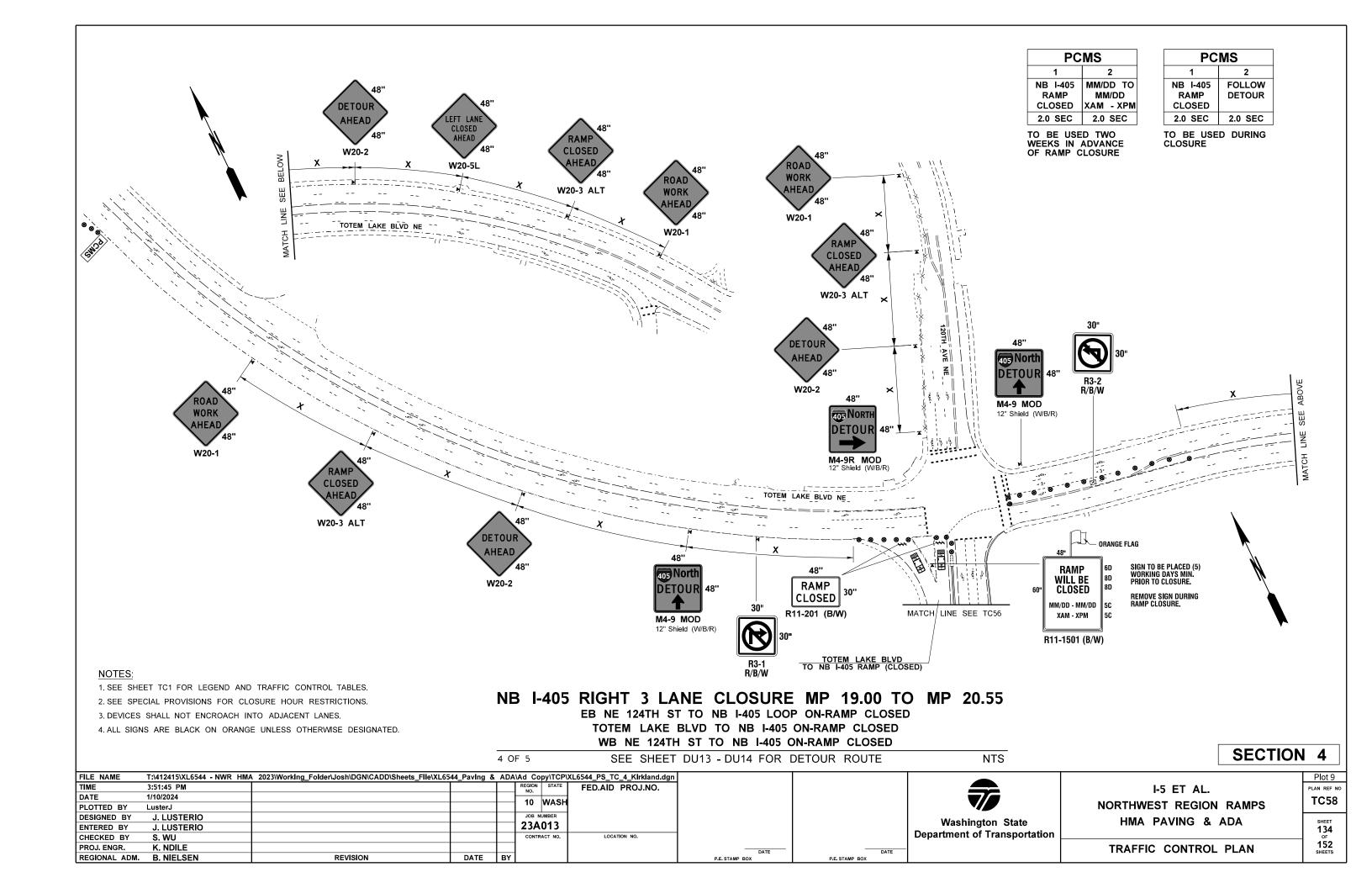
SECTION 4

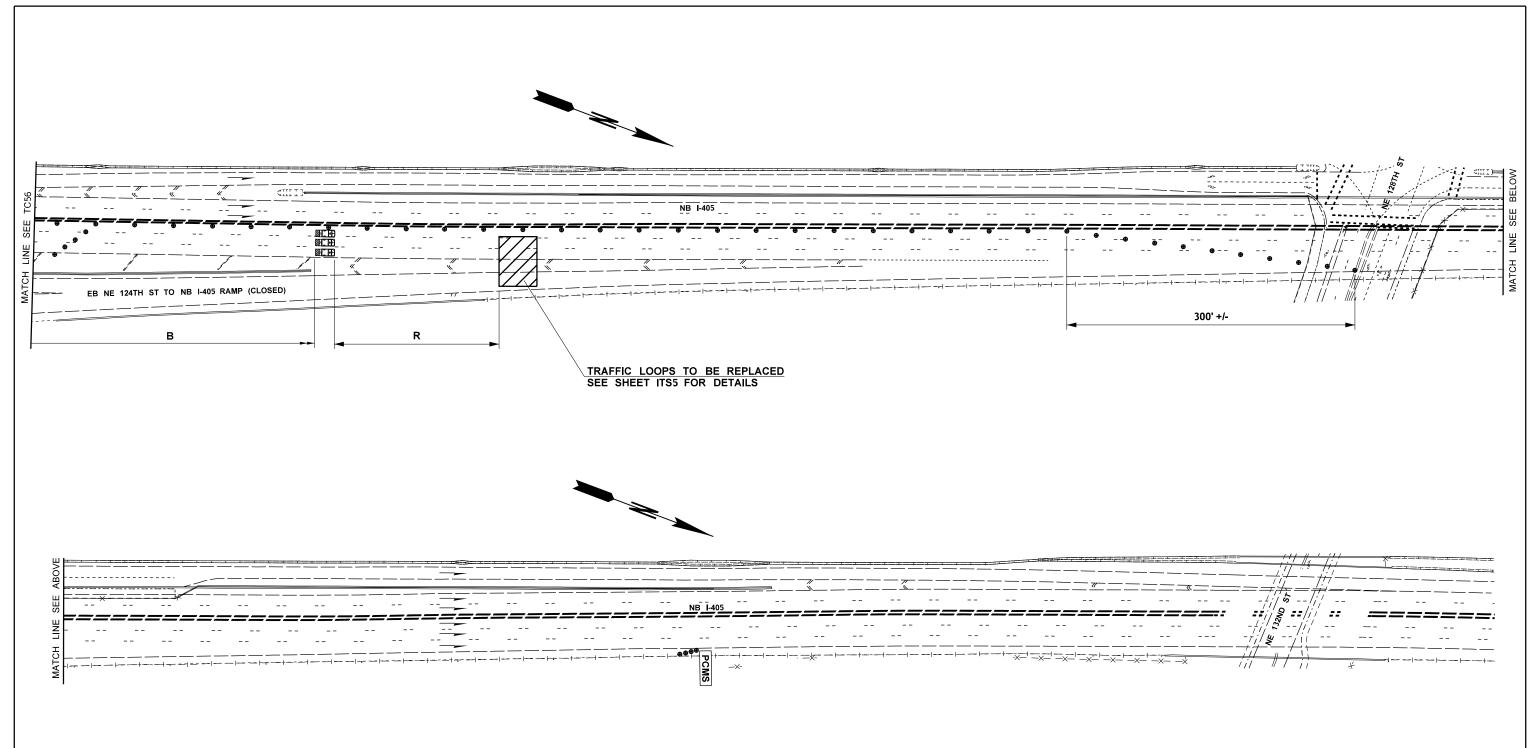
FILE NAME	T:\412415\XL6544 - NWR HM	A 2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL6	544_Paving 8	k ADA	\Ad Copy\TCP\	XL6544_PS_TC_4_Kirkland.dgn					Plot 5
TIME	3:51:39 PM				REGION STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF NO
DATE	1/10/2024				10 WASH						TC54
PLOTTED BY	LusterJ				IU WASH					NORTHWEST REGION RAMPS	1054
DESIGNED BY	J. LUSTERIO				JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO				23A013				3		130
CHECKED BY	S. WU				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE						DATE	DATE		TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS











NOTES:

- 1. SEE SHEET TC1 FOR LEGEND AND TRAFFIC CONTROL TABLES.
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NB I-405 RIGHT 3 LANE CLOSURE MP 19.00 TO MP 20.55

EB NE 124TH ST TO NB I-405 LOOP ON-RAMP CLOSED TOTEM LAKE BLVD TO NB I-405 ON-RAMP CLOSED WB NE 124TH ST TO NB I-405 ON-RAMP CLOSED

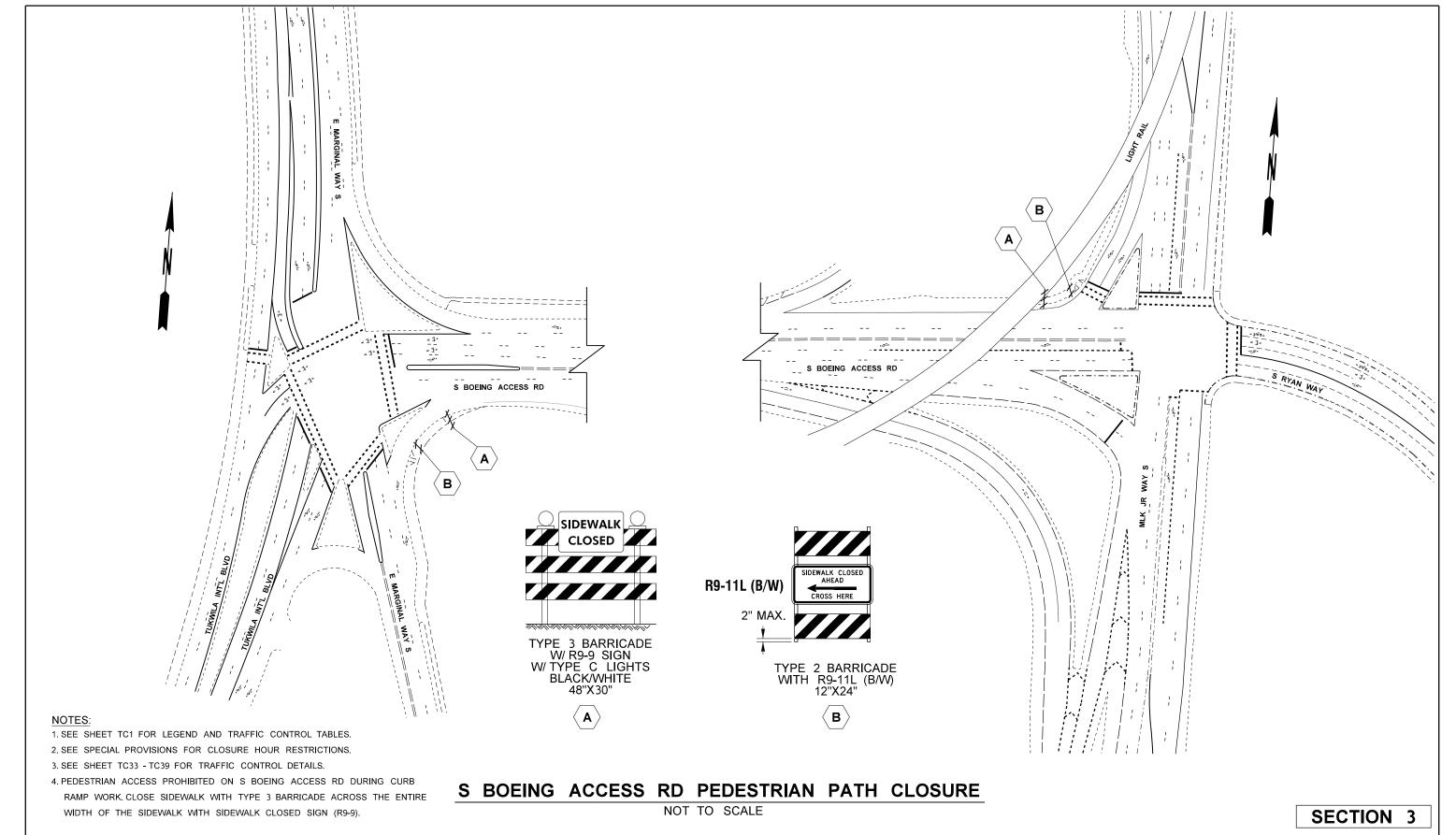
5 OF 5	SEE SHEET DU13 - DU14 FOR DETC	OUR ROUTE NTS

PC	MS
1	2
ILLEGAL	DOUBLE
ТО	WHITE
CROSS	LINE
2.0 SEC	2.0 SEC

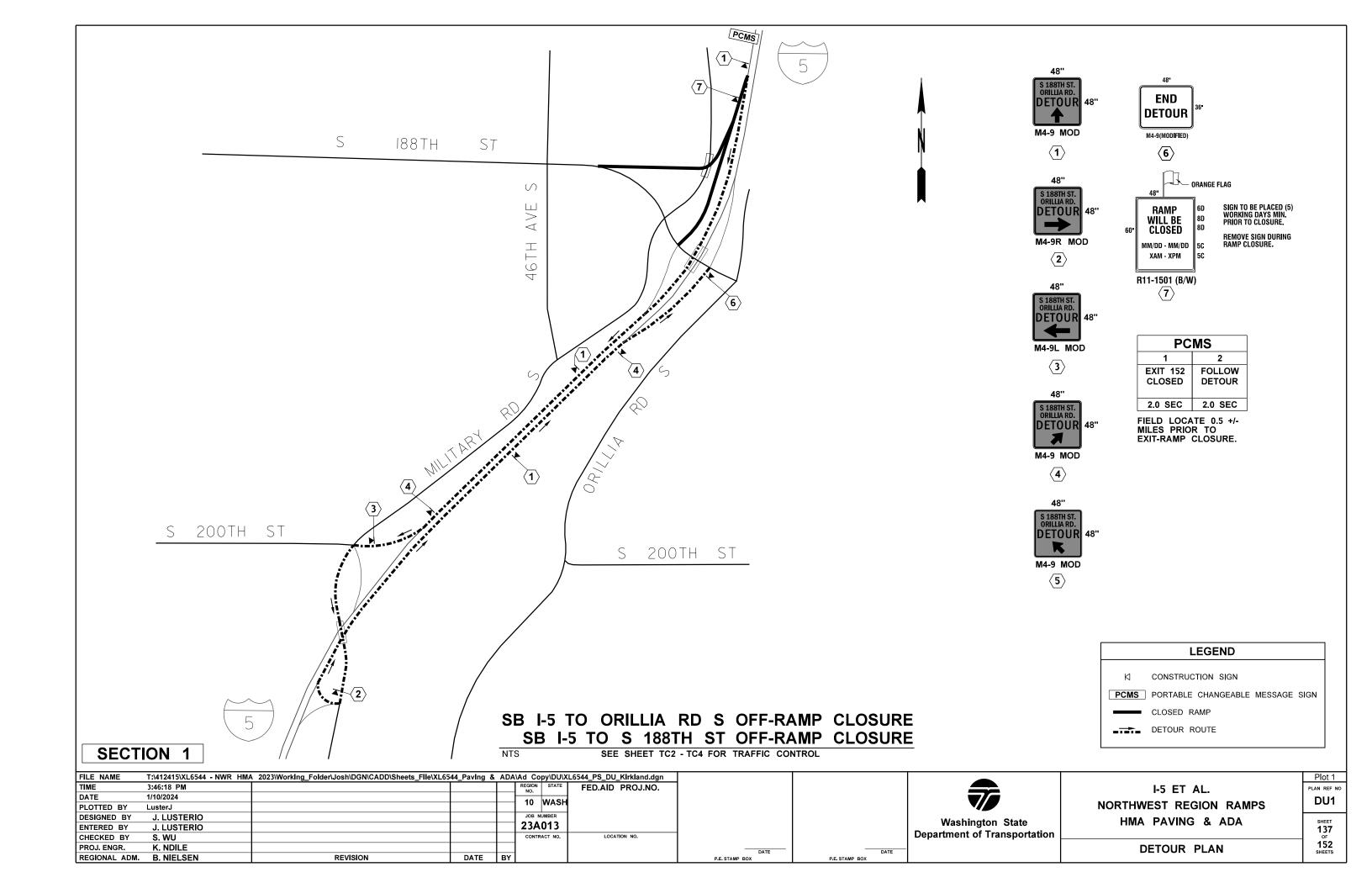
FIELD LOCATE AS SHOWN

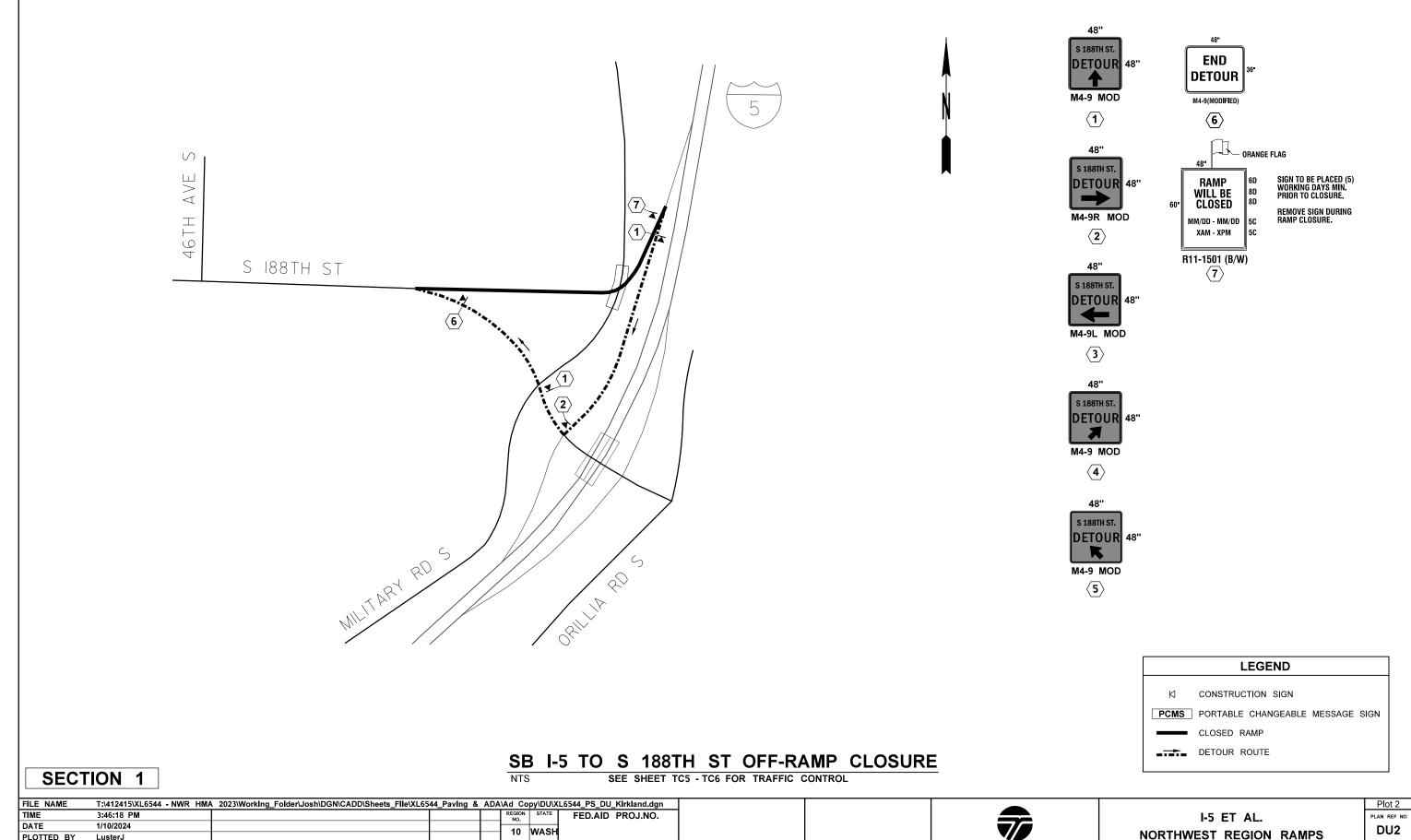
SECTION 4

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TIME	3:51:46 PM			REGION	STATE	FED.AID PROJ.NO.				I-5 ET AL.	PLAN REF
DATE	1/10/2024			10	WASH						TC59
PLOTTED BY	LusterJ			10	WASH					NORTHWEST REGION RAMPS	1005
DESIGNED BY	J. LUSTERIO				NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A	013				3		135
CHECKED BY	S. WU			CONT	RACT NO.	LOCATION NO.			Department of Transportation		OF_
PROJ. ENGR.	K. NDILE						DATE	DATE	_	TRAFFIC CONTROL PLAN	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS



FILE NAME	T:\412415\XL6544 - NWR HMA	2023\Working_Folder\Josh\DGN\CADD\Sheets_File\XL65	44_Paving &	ADA\Ad Copy\PTC	\XL6544_PS_PTC.dgn					Plot 1
TIME	2:12:34 PM			REGION STATE	FED.AID PROJ.NO.	1			I-5 ET AL.	PLAN REF NO
DATE	11/28/2023			10 WASH						PTC1
PLOTTED BY	LusterJ			IU WASI]				NORTHWEST REGION RAMPS	' ' ' '
DESIGNED BY	J. LUSTERIO			JOB NUMBER				Washington State	HMA PAVING & ADA	SHEET
ENTERED BY	J. LUSTERIO			23A013				_		136
CHECKED BY	S. WU			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF OF
PROJ. ENGR.	K. NDILE					——————————————————————————————————————	DATE	-	PEDESTRIAN TRAFFIC CONTROL	152 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX			SALETO





PLOTTED BY LusterJ JOB NUMBER DESIGNED BY J. LUSTERIO HMA PAVING & ADA Washington State _{SHEET} 23A013 J. LUSTERIO ENTERED BY Department of Transportation CHECKED BY S. WU LOCATION NO. 152 SHEETS PROJ. ENGR. K. NDILE DETOUR PLAN DATE DATE DATE BY REGIONAL ADM. B. NIELSEN REVISION

